

# 1 Preface

Thank you for purchasing this cellular phone.

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

Follow all safety warnings to avoid injury or damage.

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

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We continuously strive to improve our products. Therefore, we reserve the right to revise this user manual or withdraw it at any time without prior notice.

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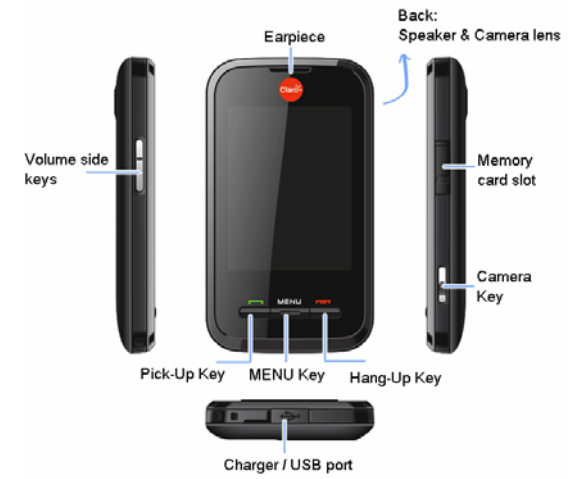
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## 2 Introduction

### 2.1 Phone Display






















## 2.2 Keys

Key	Function
Pick-Up	Press to answer a call or make a call after you enter a phone number. In idle mode, press to view the call logs.
Hang-Up	Press to end a call. Press and hold to turn the phone on/off. In idle mode, press to lock the keypad. Within a menu, press to return to idle mode.
MENU Key	Press to confirm the select item. In idle mode, press to access the main menu.
Volume Side Key	Press to adjust the volume.
Camera Key	In idle mode, press to access the camera function.

Note: "Press" in this manual, means to press and release the key; "press and hold" means to press and hold the key for at least 2 seconds.

## 2.3 Icons & Symbols

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 signal).
	Battery - Indicates battery level. When charging, a scrolling icon will be displayed. The more bars displayed, the stronger the charge.
	To log onto GPRS - The icon will be displayed only when you have logged onto GPRS.
	To log onto EDGE - The icon will be displayed only when you have logged onto EDGE.
	MMS - Indicates you have one or more unread MMS messages.
	Text message - Indicates you have one or more unread text messages.
	Email - Indicates you have received a new mail.
	Push message - Indicates that you have received a new push message.
	Voicemail- Indicates voice messages that have not been heard.
	Missed call - Indicates there is a missed call.
	Call Divert - Indicates that "Divert All Voice Calls" is activated.
	Lock or unlock - Indicates that the keypad is locked or unlocked.
	Alarm - Indicates that the alarm clock is on.
	Headset - Indicates that headset profile is activated.
	Alert type is "Ring".
	Alert type is "Vibrate only".

	Alert type is "Vibrate and Ring".
	Alert type is "Vibrate then Ring".
	Bluetooth is activated.

### 3 Getting Started

Please read the safety instructions in the "Safety Information and Notices" section before use.

#### 3.1 Inserting the SIM Card

##### 3.1.1 Remove the back cover and battery



##### 3.1.2 Insert the SIM card (Image c)





**3.1.3** Install the battery and back cover



### 3.2 Turning the Phone on

To turn the phone on, press and hold the Hang Up key. Enter the PIN code if required (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.

### 3.3 Charging the Battery

1. Ensure the battery is inserted in the handset. To charge the battery, plug in the charger connector at the bottom of your phone (USB interface) and then plug the other end into an AC power socket.
2. The battery symbol indicates the charging status. While charging, the charge indicators will scroll. When all the scroll bars are steady, the battery is fully charged.
3. Disconnect the charger from the phone.
4. Disconnect the charger from the AC power socket.



Note: If the battery is powerless, the battery icon will reappear after a few minutes of charging. During the charging, you should not remove the battery.

### 3.4 Inserting a T-Flash Card

1. The T-flash card slot is located on the right side of the phone (when phone is placed with keypad facing upwards).
2. Pull the protective cover away from the slot.
3. With the metal contacts facing upwards, gently slide the T-Flash card into the slot. See the image

below.


4. Push it once to lock into place.
5. Replace the protective covering.
6. To remove the T-flash card, press the card once to unlock it from its place. Then gently slide the card out of the slot.



### 3.5 Transfer files to the T-Flash (External Memory) card

Before do the following steps, you should insert a T-Flash card into the T-Flash card slot. The phone should be turned off.

1. Connect the phone to the computer by using a USB cable.
2. Your computer will detect the phone as a removable disk. You can now access the T-Flash card memory in the computer.

3. Download or upload the files to the T-Flash card.
4. When the transfer is finished, please make sure that you safely remove the phone by clicking . Plug out the USB cable from your phone. Now you should switch your phone on, and view the files in Menu > File Manager > Memory card.

### **3.6 Important Password**

Phone password is 1122.

### **3.7 Fixed menu**

There are several fixed menus on idle screen:

You can touch one of them to access the menu selected. Slide the fixed menu can view the other fixed menus.

### **3.8 Shortcut bar**

1. On idle screen, touch this arrow to open or close the shortcut bar.
2. You can drag and move the small icon in shortcuts bar.
3. Touch one of the shortcut icons and drag it to the idle screen.
4. Now you can use the application in idle screen.

### **3.9 Three idle screens**

There are three idle screens; you can drag the screen to left or right to show the other idle screen.

### **3.10 Customize the main menu**

1. On idle screen, touch the main menu fixed icon to access the main menu.

2. Touch and hold one of the menu icons, the object will be ready to be moved.
3. Touch and hold the menu icon you want to move, the object will magnify, then you can drag it to the position you prefer.
4. After you finish customizing, you can touch the left bottom icon to save your settings.

## **4 Text Entry**

You can key in text by touching the corresponding onscreen keys.

Touch to delete the previous word.

Touch to enter space.

Touch to switch between the characters and symbols.

## 5 Calling

### 5.1 Making a Call

1. In idle mode, touch the dialing fixed icon to enter the phone number.
2. Press the Pick-Up Key to dial the number.
3. Press the Hang-up Key to end the call.



Note: During a call, press the volume side key to adjust the volume.  
You can Touch **Option** to choose **Sound Recorder** to record.

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.

#### 5.1.1 Making an International Call

1. In idle mode, touch the dialing fixed icon, touch the \* button twice quickly to enter "+".
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 call directly.

### 5.2 Answering a Call

Press the Pick-Up Key to answer it.

Press Hang-Up key to reject it.

## 6 Function Menu

### 6.1 How To Use

#### 6.1.1 Select Menu

In idle mode, touch the menu icon to enter the main menu.

You can customize the main menu, please refer to 3.9.



Note: The functions described below only appear when a SIM card is inserted. If you power on your phone without a SIM card, you will have limited access to menu functions.

You can exit a menu and return to idle mode by pressing the the Hang-Up Key.

### 6.2 File Manager

This menu allows you to manage the files saved in your phone and memory card. When you highlight one of them, the related memory information is displayed at the top of the screen, including total volume and free volume.

Note: Some folders may not appear, such as "My Music". If user enters Multimedia > Audio Player, "My Music" folder will automatically be created in the File Manager.

#### 6.2.1 Phone

Touch **Option** to access the following options:

- ◆ **Open:** Select to view folders in the phone.
- ◆ **Format:** Select to format the Phone memory.

#### 6.2.2 Memory Card



You should insert a T-FLASH card first, and then enter this menu to view the files and folders in the memory card. The operation is similar to the operation on the phone.

If you want to modify or add files to this menu, such as audio files or video files, you should connect your cellular phone to a PC by using a USB cable. Refer to 3.5.

### **6.3 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 1000.

#### **6.3.1 Search contact**

1. Select **Main menu > Phonebook**.
2. Touch the virtual keypad to enter the first few letters of the contact names.
3. The available contact will appear.

#### **6.3.2 Add new contact**

To create a new SIM/phone contact:

1. Select **Main menu > Phonebook > Add new contact**.
2. Touch **Select** to enter the contact information.
3. When finish, touch **Done** or **OK** to save.

### **6.4 Fun & Games**

This menu allows you enjoy the build-in games here.

## **6.5 Call center**

### **6.5.1 View call history**

1. Select **Main menu > Call center > Call history**.
2. Select to view different call logs.
3. Choose a particular number and press the Pick-Up Key to call the number directly.
4. Select **Delete all logs** if you want.
5. Select **GPRS counter** to view the GPRS volume you have used.

### **6.5.2 Adjust the call settings**

1. Select **Main menu > Call center > Call settings**.
2. Choose to set the call waiting or call diverting function.

### **6.5.3 Set Black list**

Allows you to filter and block incoming calls or messages. To access this function, you should select **Main Menu > Call center > Call settings > Advance settings > Blacklist**.

## **6.6 Messaging**

The menus described in this section allow you to send/receive messages and manage your message. Only devices that have compatible features can receive and display multimedia messages. The appearance of the message may vary depending on the receiving device.

#### 6.6.1 Creating a message

1. Select **Main Menu > Messaging > Write message**.
2. Write a message; please refer to the **Text entry** section of this manual for detailed information. You can add picture, sound, or video to the message by touching **Options**.
3. After entering text, touch **Options** and select **Send to** to enter the recipient or add them from the phonebook.
4. Press **MENU Key** to send.

#### 6.6.2 Message boxes

1. Select **Main Menu > Messaging**.
2. There are five message boxes: Inbox, Drafts, Outbox, Sent messages, and Archive.

Note: Inbox lists all the messages you receives. Drafts box lists all the saved messages.

Outbox lists all the messages you sent failed and saved. Sent box lists all the messages you sent successfully and saved. Archive box lists all the messages you move from other boxes to it.



#### 6.6.3 Email

1. Select **Main Menu > Messaging > Email**.
2. Select **Email accounts** to add account firstly.
3. Touch **Options** and select **New account** to create account, then you should enter the email address, protocol, data account, incoming server, outgoing server, user name, password, and

- account name.
4. When you finish, the account will be saved automatically, then you should touch **Options** and Select **Activate** to activate this account.
  5. Back to the previous menu, select **Send and receive** to refresh your mailbox.



Note: Make sure the data account is correct. If it is wrong, you can go to **Main menu > Settings > Connectivity > Data account** to change it.

#### 6.6.4 Broadcast Message

##### Received Mode

1. Select **Main Menu > Messaging > Broadcast message > Receive mode**.
2. Touch **On** to activate this function.
3. Select **Channel settings** to enter the channel number.



Note: To obtain the codes corresponding to the different types of messages, you must contact your operator.

#### 6.6.5 Message settings

1. Select **Main Menu > Messaging > Message settings**.
2. Select **Text message** to adjust the text message settings, such as profile, preferred storage, delivery report, and so on.

3. Select **Multimedia message** to adjust the multimedia message settings, such as profile, slide time, creation mode, signature, and so on.

## 6.7 Multimedia

### 6.7.1 Camera

Your cellular phone features a digital camera that allows you to take pictures, 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.

#### How to

Launch Camera	From idle mode, press the <b>MENU</b> Key to enter the main menu then select <b>Multimedia &gt; Camera</b>
Zoom out/in	Touch the zoom icon on the top of the screen
Adjust EV	Touch the EV icon on the top of the screen
Settings	Touch this icon to access the camera settings.
Take a picture	Press the <b>MENU</b> Key or touch this icon. After taking, the picture will be saved to <b>File Manager</b> . The picture will be saved in JPEG format.
Exit	Press the Hang-Up Key or the Right Soft Key [Back].

#### Camera Option Menu

When the camera mode is activated you can change a number of settings by touching **Options** before taking a picture. Then you can set the image size, quality, scene mode, photo storage, and so on.

Note: 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 must delete existing pictures before you can store new ones.

#### 6.7.2 Image Viewer

This menu lists the picture from **File Manager > Phone/Memory card > Photos** according to its storage setting. You can touch **Options** to change browser style, choose storage, and so on. If the size is too large, your cellular phone cannot view it.

#### 6.7.3 Video Recorder

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

##### How to

Launch Video	In idle mode, press the <b>MENU</b> Key to enter the main menu. Select <b>Multimedia &gt; Video Recorder</b> .
Adjust brightness	Touch the EV icon
Zoom out / in	Touch the zoom icon
Settings	Touch this icon to access the camera settings.
Record a video	Press the <b>MENU</b> Key or touch this icon to record. Press the <b>MENU</b> Key again to pause. Touch this icon to stop recording. To save the video, touch <b>Yes</b> . It will be stored in <b>File Manager</b> .
Exit	Press the Hang-Up key or the Right Soft Key [Back].

#### **6.7.4 Video Player**

This menu lists all the videos from **File Manager > Phone/Memory card > Video** which is the storage you selected, touch **Option** and select **Play** to play the selected video.

During playback, you can:

1. Play or pause the video by pressing the **MENU** Key or touching the centre icon.
3. Adjust volume by pressing the volume side keys.
4. Rewind or fast forward by dragging the slide bar.
5. Stop the playing by touching **Stop**.
8. Return to the idle screen by pressing the Hang-Up Key.

#### **6.7.5 Photo editor**

Your phone provides the following selections for your option:

- **Photo Artist:** Allows you to edit the image or photo files saved in your phone or memory card.
- **Image Tiles:** Allows you to split images based on the number of segments per image.

To start using **Photo Artist**

1. In **Multimedia** menu, select **Photo Editor**.
2. Select **Photo Artist**.
3. Choose **Select from file**.  
Note: If you want to resize an image, select **Resize image**. If you want to capture a new picture to edit, select **Capture from camera**.
4. Select **Memory Card** or **Phone** to open the folders.
5. Select the Images folder or Photos folder.

6. Select an image file you like to edit, and touch **OK** to start photo editing.
  - **Auto Resize:** Allows you to adjust the selected image.
  - **Main LCD clip:** Allows you to select a certain part of the selected image for the full screen display.
  - **Manual clip:** Allows you to select a certain part of the selected image for the full screen display.
  - **Clip help:** Allows you to review the instructions on how to clip the image described above.

#### **6.7.6 Audio Player**

Your phone provides you a friendly music player device for entertainment purpose. You may listen to the music, speech, or even listen to an English lesson. You may also download the music content via USB or other connection. The user-friendly interface is specially designed to enable users to control, play, pause, and stop the music player as you wish.

##### **Play the music**

If you are a first-time user, touch **List** to add music tracks from your memory card or your phone memory. Your music player will automatically detect and add all the music tracks into the default play list.

Onscreen icon	Music Player Function
■	Stop
▶▶	Skip to next track.
◀◀	Skip to previous track.
▶	Play / Pause music





Note: This menu lists the music file in File Manager > Phone/Memory card > My Music which is the storage you selected.

#### 6.7.7 Sound Recorder

This menu allows you to make recordings. The length depends on the memory status.

Touch **Options** and select **New Record** to start recording. Touch **Pause** or **Conti** to pause or resume the recording. When you have finished recording, you can touch **Stop** to save it.







Note: Saved sound files can be found in the **File Manager > Phone/ Memory card > Audio** menu according to your storage setting.

#### 6.7.8 FM Radio

Note: The radio will not work unless the headset is attached. Attach the headset included with your phone to the charging port located at the bottom of the phone. This feature allows you to listen to your favorite FM radio station anytime with frequency ranging from 87.50MHz to 108.00MHz.

To start using

1. Select **Main menu > Multimedia > FM radio**.
2. Touch  to turn on the FM radio.
3. You can choose to either turn on or off the auto search by touching .
4. Touch  or  to start searching.

Your phone provides the following selections for your option:

**Channel list:** Allows you to bookmark radio stations by entering the channel name and frequency. You are allowed to play, delete or edit a selected radio station frequency.

**Manually input:** Allows you to key in the radio station frequency manually.

**Auto Search:** Allows you to auto scan the radio station without having to touch the forward or backward icon all the time, and the station searched will be memorized in the channel list.

**Settings:** Allows you to access the settings.

**Record:** Allows you to record your favorite program.

**Append:** Allows you to resume the file you have recorded and continue to record at the same file.

**File List:** Allows you to list the radio program you have recorded.

#### **6.7.9 Schedule FM record**

This phone allows you to pre-schedule programs from the radio. You are allowed to record 4 programs according to your personal setting. You can edit following items: to set up the period of pre-scheduling, to record Once/Everyday Days/Weekly/Monthly, to set up channels by listing or manually inputting the frequency, and to make the record settings.

#### **6.7.10 Slide show**

To start using Slide Show:

1. Select **Main menu > Multimedia > Slide Show.**
2. Select **Memory Card** or **Phone.**
3. Select a folder you like to play.

Your phone provides two main options for editing slide shows:

**Play:** Allows you to play the selected slide show.

**Setting:** Allows you to set the play speed, effect, and so on.

### **6.8 Organizer**

This menu contains features and options designed to keep you organized and informed while on the go.

#### **6.8.1 Calendar**

Current day is filled in blue color; the days that have events will be filled in yellow color.

##### **Add new event**

1. Select **Menu > Organizer > Calendar**.
2. Select a date.
3. Press the Left Soft Key [Option] and select **Add event**.
4. Select the task type.
5. Enter the task information.
6. Press the Right Soft Key [Done] to save it.

#### **6.8.2 Tasks**

This menu allows you to create, store and manage tasks in your organizer.

##### **Create New Task**

To create a new task:

1. If there is no event, touch **Add** to create a new task. If there is already an event, touch **Option** and select **Add** to create a new task.
2. Select the task type.
3. Edit the different task fields, such as date, time, subject, Alarm, Repeat.
4. Touch **Done** to save the task.

Note: A new task cannot be saved with a blank subject.

#### **6.8.3 Alarm**

Your cellular phone has a built-in alarm clock with a snooze feature. You can set up to five separate alarms and choose whether or not the alarm should repeat. To set an alarm:

1. Select an alarm and touch it to edit.
2. Edit different fields of the alarm including: On/Off, Enter time, set Repeat, set alarm tone, select snooze minute and alert type.
3. Finally, touch **Done** to save the settings.

#### **6.8.4 World Clock**

This menu allows you to view different World clocks and set **Daylight savings time** On or Off.

### **6.9 Settings**

You can configure your cellular phone to best suit your usage preferences.

#### **6.9.1 Pen calibration**

In this menu, you can click anywhere on the screen with your stylus to start calibration, then click on the top-left point, bottom-right point, and finally click on the center point to finish calibration.

#### **6.9.2 Phone Settings**

This menu allows you to configure some general settings for your cellular phone:

##### **Time and Date**

You can set the time and date in this menu.

##### **Schedule Power On/ Off**

You can set your cellular phone to automatically power on or off up to four times.

##### **Language**

This menu allows you to select a language for all menu texts. If you select "Automatic", your cellular

phone will auto detect the language supported by your SIM card and phone.

#### **Display**

This menu allows you set the wallpaper, set screen saver, and adjust other display settings.

#### **Themes**

There are three themes for you to choose, you can activate one of them, or set the update period.

#### **Greeting Text**

This menu allows you to set the status and greeting text. If it is set to On, the greeting text will be displayed after the welcome animation.

#### **Auto Update of Date and Time**

Touch to turn it on or off.

#### **Flight Mode**

Select from Normal mode, Flight mode and Query when the power is on.

#### **Misc Setting**

Select to set brightness level and the timing for the LCD backlight.

### **6.9.3 Network settings**

#### **Network Selection**

**New Search:** Touch to search for a new network.

**Select Network:** Touch to select a network from the network list.

**Selection Mode:** Touch to choose your network manually or automatically.

#### **Preferences**

Preferred Network allows you to build a preferred network list. Once defined, the phone will try to register on the network, according to your preferences.

#### **GPRS Connection**

Touch it to modify your GPRS connection: When needed or always.

**When needed:** Your phone will connect to the GPRS service only when required. This option reduces energy consumption but increases the connection delay.

**Always:** Your phone automatically connects to the GPRS service (if available). This option allows quicker access to GPRS features but increases energy consumption.

#### **6.9.4 Security Settings**

##### **SIM Lock**

To prevent your SIM card from illegal use, your SIM card is protected by a PIN code. If you set the SIM lock to **On**, you can only use your mobile phone by entering the correct PIN code every time you turn it on. If you enter the wrong PIN code three times, your SIM card will be locked and a PUK code will be required. Contact your service provider for more information.

##### **Phone Lock**

To prevent your cellular phone from illegal use, you can activate **Phone lock**. If activated, you will need to enter the correct Phone lock password before you can use it.

When you set it to on or off, the phone lock password is also required.

If you forget the password, contact your service provider for assistance in unlocking the phone.

Note: The initial password is 1122. If you want to change your password, go to **Settings > Security Setup > Change Password**.

##### **Auto keypad lock**

Select to set the time for auto keypad lock. If the time expires, the keypad will be locked automatically.

#### **Fixed Dial**

**Mode:** Select to activate or deactivate fixed dial by entering the right PIN2 code.

**Fixed Dial List:** Select to edit the names in the Fixed Dial List.

#### **Barred Dial**

This feature allows you to set barred dialing.

Note: This feature depends on the SIM card.

#### **Change Password**

Select to modify a password, including PIN, PIN2 and Phone lock passwords.

#### **Certificate manager**

Select to view, delete or set the key usage.

### **6.9.5 Connectivity**

Here you can configure the data account, and use the Bluetooth.

#### **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 manufacturer.

The Bluetooth connection can be subject to interference from obstructions such as walls or other electronic devices.

#### **Pair Devices**

You should select **Main menu > Settings > Connectivity > Bluetooth**. In the Bluetooth screen, select **Power** on. Next, select **Inquiry audio device** if you want to connect to an audio device or select **My Device > Inquiry new device**.

When searching for a device, you are presented with a list of any device 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 pass key in order to pair with the device. You should create your own password and agree with the owner of the other device to use the same code. Devices that do not have a user interface have a factory-set password. Refer to its documentation for further information.

The pass key 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 touch **Connect**.

After the connection is established, you can transfer files, such as pictures and sound to the selected device. The received files will be saved in File Manager > Received.

#### **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**

Power	Turn Bluetooth feature On or Off.
Inquiry Audio Device	Search for the audio devices that you can connect with, such as headset.
My devices	Displays the Bluetooth devices that you have paired successfully and can connect to.



Active Device	Lists the active devices which are in use.
Setting	Select to adjust the settings.
About	Gives the descriptions about the Bluetooth in your cellular phone.

#### 6.9.6 Restore Factory Settings

You will be required to enter the phone lock password to restore the phone to its original factory settings. After entering and confirming the correct phone lock password, most of the settings in your cellular phone will be restored to factory settings.

#### 6.9.7 Sound Effects

This menu allows you to set the audio effect and bass enhancement.

### 6.10 User Profiles

This menu allows you to select a profile from General, Meeting, Outdoor, Indoor, Headset, and Bluetooth. Touch **Options** to access the following options:

- ◆ **Activate:** Select to activate the selected profile.
- ◆ **Customize:** Select to modify the following settings:
  - ✚ **Tone Setup:** Select a ringtone for Incoming calls, Power on, Power off, Message tone and Keypad tone.
  - ✚ **Volume:** Select to adjust the volume for Ring tone and Key tone.
  - ✚ **Alert Type:** Select to set the alert type as Ring, Vibration only, Vibrate and ring or Vibrate then ring.
  - ✚ **Ring Type:** Select to set the ring type as Single, Repeat or Ascending.



**Extra Tone:** Touch **On/Off** to activate or deactivate such tones as Warning, Error, Camp on and Connect.

Note: Headset profile can only be activated by plugging in a headset. Bluetooth profile can only be activated while the Bluetooth headset is connected.

## 6.11 Extra

Your cellular phone also provides you with other tools for extra use.

### 6.11.1 Calculator

Your cellular phone has a built in calculator.

1. Select **Main menu > Extra > Calculator**.
2. Enter the number with the onscreen keypad, and then touch "+" for addition, touch "-" for Subtraction, or touch "x" for Multiplication, or touch "÷" for Division.
3. To clear calculator, touch **Clear**.
4. Finally, touch "=" to calculate.

### 6.11.2 Currency Converter

This application allows you to convert currencies.

First, input the rate and then input the local value. Press the Left Soft Key [Ok] to view the foreign value.

### 6.11.3 Stopwatch

#### Typical Stopwatch

**Split Timing:** Allows you to record no more than 20 groups of split time while timing. The start time is 00:00:00, every record will continue with the timing.

**Lap Timing:** Allows you to record no more than 20 groups of lap time while timing. The start time of every

record is 00:00:00.

**View Record:** Select to view, delete, or delete all saved records.

#### **nWay Stopwatch**

You can touch four arrow icons to record four different groups of data.

## **6.12 Services**

This menu allows you to access services supplied by your network, such as news, sports, weather, etc. Please contact your operator for more information.

#### **STK Services**

Note: The submenus of this feature depend 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.

#### **Internet service**

**Homepage:** Select to access the homepage directly. You can also set the homepage address in Services > Internet service > Settings menu.

**Bookmarks:** Select to save the current web page or the web pages that you frequently visit in the Bookmark list, where you can manage and organize them. When you enter the menu, bookmark entries are displayed. To connect to the web address of a particular bookmark entry, touch it and then choose **Go to**.

**Recent Pages:** Select to view the history of recent pages.

**Offline Pages:** Select to view the history of offline pages.

**Input address:** Select to enter a web address then press the Left Soft Key [Option] and choose **Done** to

connect to this address.

**Service Inbox:** Select to view the push messages sent by WAP.

**Settings:** Select to configure the browser parameters.

## 7 Precautions



Please carefully read and observe the terms below:

### **Safe power on**

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



### **Safe transportation first**

Please observe all related local laws and regulations.

Please drive with both hands.

Safe transportation should be considered when driving.



### **Disturbance**

All cellular phone services may be disrupted.



### **Turn off when in the hospital**

Please follow related restrictions.

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



**Turn off on an airplane**

Please follow related restrictions.

Do not use your cellular phone on an airplane.



**Turn off when at a gasoline station**

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



**Turn 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 proper locations. If possible, please do not touch the antenna area of your phone.



**Use qualified after sales service**

Only a qualified technician can repair your cellular phone.

**Accessories and batteries**

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

## 8 Troubleshooting

Common issue	Reason	Troubleshooting
Bad connection	Using the cellular phone in an area where the network connection is poor, such as around a tower or basement where a radio wave cannot be sent effectively.	Try to avoid.
	Using the cellular phone when the network is busy, such as an on-off duty time or the line is 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 the 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 an 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 the 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	Call barring is activated	Cancel call barring
	Fixed dialing is activated	Cancel fixed 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.

## 9 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 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 breakage, 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 answer a phone

call.

Usage of cellular phones in aircrafts or hospitals is prohibited. Turn 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 together with a credit card, disk or other magnetic materials. This may affect 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 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 sunlight.

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 after 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: sunlight, 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 is 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 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.

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.

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.

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