

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.

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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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 selected item. In idle mode, press to access the main menu.
Volume Side Key	Press to adjust the volume.
Camera Key	In idle mode, press and hold 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.
	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 email.
	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".

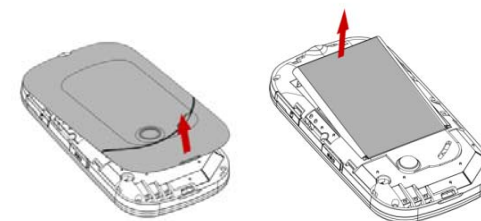
	Alert type is "Vibrate and Ring".
	Alert type is "Vibrate then Ring".
	Bluetooth is activated.

3 Getting Started

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

3.1 Inserting the SIM Card

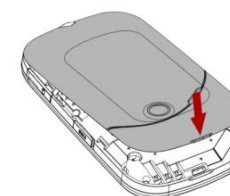
3.1.1 Remove the back cover and battery



3.1.2 Insert the SIM card



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 into the handset. To charge the battery, plug in the charger connector at the bottom of your phone (Charger port) 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.

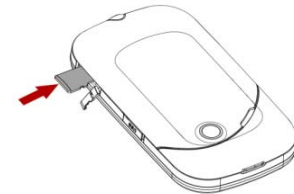


Note: If the battery is powerless, the battery icon will reappear after a few minutes of charging. During the charging, you should not remove the battery.

3.4 Inserting a T-Flash Card

1. The T-flash card slot is located on the left side of the phone (when the phone is placed with the keypad facing down).
2. Pull the protective cover away from the slot.

3. With the metal contacts facing down, gently slide the T-Flash card into the slot. See the image below.
4. Push it once to lock it 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 Transferring files to the T-Flash (External Memory) card

Before completing the following steps, you should insert a T-Flash card into the T-Flash card slot.

1. Connect the phone to the computer by using a USB cable.
2. Choose "Mass storage" on the phone when the phone is turned on.
3. Your computer will detect the phone as a removable disk. You can now access the T-Flash card memory on the computer.

4. Download or upload the files to the T-Flash card.
5. When the transfer is finished, please make sure that you safely remove the phone by clicking . Pull out the USB cable from your phone. Now you can view the files in File Manager > Memory card.

3.6 Important Password

Phone password is 1122.

3.7 Fixed menu

There are four fixed menus on the idle screen:

You can touch one of them to access the menu selected.

3.8 Shortcut bar

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

3.9 Idle screens

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

3.10 Customize the main menu

1. In the 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 Text Entry

4.1 Input Method

During text editing, you can touch **Options** and select **Input Method** to select different input modes.

4.1.1 Entering Symbols

In any input mode, touch the symbol button to open the symbols input screen.

4.2 Smart Text entry

Smart text entry uses a built-in dictionary to recognize the most commonly used words for every sequence of key touches.

2 to 9	Touch to input letters.
1	Touch to input symbol.
0	Touch to input space.
Clear	Touch to clear a letter, touch and hold to clear all entries.
#	Switch between input modes.
*	Touch to activate punctuation mode.

4.3 Multi-tap input

Your phone provides Multi-tap function. Touch once to get the first letter on the key, touch twice quickly to get the second letter and so on until the letter you want is displayed on the screen. For example, in ABC input mode, touch the 2 Key twice to display the letter B, and touch it three times to display the letter C.

4.4 Numeric Input

Touch the 123 icon to select "123" then you can enter the numbers.

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 side volume 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 the 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 also customize the main menu.



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 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.

Phone

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

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

Memory Card

You should insert a T-FLASH card first, and then enter 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.

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.

6.3.1 Search contact

1. Select **Main menu > Phonebook**.
2. Touch the search bar, and then 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. Enter the contact information.
3. When finish, touch **Options > Save** to save.

6.4 SIM tool kits



Note: The submenus of this feature depend on the operator and different operators may provide different services (some SIM cards do not support STK). please contact your operator.

6.5 Fun & Games

This menu has games you can play.

You can also enjoy the Java applications here.

6.6 Call center

6.6.1 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 call logs** if you want to delete any old numbers.
5. Select **GPRS counter** to view the GPRS volume you have used.

6.6.2 Adjust the call settings

1. Select **Main menu > Call center > Call settings**.
2. Choose to set the call waiting, call divert, call barring or advance settings function.

6.6.3 Set Blacklist

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

6.7 Messaging

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

6.7.1 Create a message

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

6.7.2 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 have received. Drafts box lists all the saved messages. Outbox lists all the messages that you've sent failed and saved. Sent box lists all the messages you've sent successfully and saved. Archive box lists all the messages you've moved from other boxes to the message archive.

6.7.3 Email

1. Select **Main Menu > Messaging > Email**.
2. Select **Email accounts** to add an email account.
3. Touch **Options** and select **New account** to create an email address. Now you can 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. You can now select **Options** and choose **Activate** to activate this account.
5. Go back to the previous menu and select **Send and receive** to refresh your mailbox.



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

6.7.4 Broadcast Message

Received Mode

1. Select **Main Menu > Messaging > Broadcast message > Receive mode**.

2. Select **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.

6.7.5 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.

6.8 Multimedia

6.8.1 Camcorder

Your cellular phone features a digital camera that allows you to take pictures, save them, set them as wallpaper, or send them to your friends. Please ensure that the camera lens is clean before you take pictures because small dust particles can strongly affect the picture quality.

How to

Launch Camera	From idle mode, press the MENU Key to enter the main menu- then select Multimedia > Camcorder .
Zoom out/in	Touch the zoom icon on the screen
Settings	Touch this settings icon to access the camera settings.

Take a picture	Press the MENU Key. After taking, the picture will be saved to File Manager . The picture will be saved in JPEG format.
Exit	Press the Hang-Up Key to exit.

Camera Option Menu

When the camera mode is activated you can change a number of settings by left bottom icon 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 you've taken, and you will be prompted with a warning message. You must delete existing pictures before you can store new ones.

6.8.2 Image Viewer

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

Note: If you rotate your phone sideways, the photo will switch between landscape and portrait view.

6.8.3 Media Player

This menu lists all the videos from the **File Manager > Phone/Memory card > Videos** - which is the storage type you've selected. Select **Options** and **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 the volume by pressing the volume side keys.
4. Rewind or fast forward by dragging the slide bar.
8. Return to the idle screen by pressing the Hang-Up Key.

Note: If you rotate your phone sideways, the video will switch between landscape and portrait view.

6.8.4 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'd 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 manually clip a selected image.
- **Clip help:** Allows you to review the instructions on how to clip the image described above.

6.8.5 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 Cont icon to pause or resume the recording. When you have finished recording, you can touch Stop icon to save it.



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

6.8.6 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 begin using the radio:

1. Select **Main menu > Multimedia > FM radio**.
2. If the FM is off, touch  to turn on the FM radio.
3. You can choose to either turn on, or turn off the auto search by selecting **Search**.
4. Touch  or  to start searching or change the channel frequency.

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.

Manual 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. 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 on the same file.

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

6.9 Organizer

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

6.9.1 Calendar

Current day is filled in blue color and the days that have events will have a special icon to indicate.

Add new event

1. Select **Menu > Organizer > Calendar**.
2. Select a date.
3. Touch **Options** and select **Add event**.
4. Select the task type.
5. Enter the task information.
6. Touch **OK** to save it.

6.9.2 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 **Options** 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, and Repeat.
4. Touch **Done** to save the task.

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

6.9.3 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.

6.9.4 World Clock

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

6.9.5 Pedometer

Pedometer is a tool that gauges the approximate distance traveled on foot by registering the number of steps taken.

1. Select **Main menu >Organizer > Pedometer > Step length setting.**

2. Enter the approximate distance of one step. Then touch **OK** to save your settings.
3. Select the submenu **Start** to start. There are three fields for you to check, the **steps count** indicates how many steps you have taken, the **time** field show the duration, and the **Distance** field indicates the approximate distance traveled on foot by registering the number of steps taken.

You can touch **Reset** to reset the counting, touch **Save** to save the record. If it is saved, you can view the record in **Organizer > Pedometer > Records**.

6.9.6 Notes

This function allows you to make note list as reminder.

To create a note:

1. In **Organizer** menu, choose **Notes**.
2. Touch **Add** to create a new note.
3. Edit the note details.
4. After you finish editing the contents of your note, touch **Options > Done** to save.

6.9.7 Synchronization

This feature allows you to set three synchronization accounts.

Before synchronizing, you should edit the account details including account name, transport type, server settings and others. Then touch **Sync now** to synchronize.

6.9.8 Phone sync

This function supports to synchronize the files between your phone and other Bluetooth devices.

After establishing connection with other Bluetooth devices, you can synchronize the applications. Go to **Main Menu > Organizer > Phone sync > Applications to sync**, choose the applications you want to synchronize. Then touch **Sync** to synchronize.

6.10 Settings

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

6.10.1 Pen calibration

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

6.10.2 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 to Power 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.

Input method

This menu allows you to set the input method you prefer.

Widget manager

This feature allows you to manage the phone widgets and the downloaded widgets.

After you highlight one widget, touch Enable/Disable. If the widget is enabled, it will be displayed in the shortcut bar.

In the home screen, drag the arrow on the left part of the screen. The enabled widgets will be displayed. Then you can drag the widget to the place you want.

Display

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

Themes

There are three themes to choose from and you can activate any 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 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.

6.10.3 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.

6.10.4 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 the **Phone Lock** option. If activated, you will need to enter the correct Phone lock password before you can use the phone.

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.

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.

6.10.5 Connectivity

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

Bluetooth

Your phone is designed to be compliant with Bluetooth technology. Bluetooth technology enables wireless connections between electronic devices. The Bluetooth connection can be used to listen to stereo music, send images, video, texts and vCards.

To start using Bluetooth technology

Your Bluetooth connection needs to be configured prior to operation. Your phone provides the following options:

- **Power**
- **Visibility**
- **My device**

- **Search audio device**
- **My name**
- **Advanced**

Power

1. In **Settings > Connectivity**.
2. Select **Bluetooth**.
3. Select **Power** to switch on/off the Bluetooth connectivity.

Visibility

You may turn the visibility of your phone on or off when other devices are trying to search devices supporting BT technology.

To pair BT devices

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
3. Go to **My device**.
4. Touch **Search new device**, your phone will automatically search all BT devices.
5. To pair with a BT device, press **Pair**. Create your own password and agree with the owner of the other device to use the same password. Devices that do not have a user interface have a factory-set password. Refer to its documentation for further information.

To connect BT Devices

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. Go to **My device** and select the BT device you wish to connect.
3. Select **Options > Connect**.

4. Before the BT device is connected, your phone will ask you which profile you wish to connect (it will depend on how many profiles your BT device supports).

To send data using Bluetooth connectivity

1. Select the object you want to send.
2. Select **Options > Send**.
3. Choose **Via Bluetooth**, then your phone will search for the BT device.
4. Select the device you would like to share followed by the sending action.

To receive data using Bluetooth connectivity

When you receive data through Bluetooth, a notification message will pop up to ask if you are willing to accept. If you decide to receive the message, press **Yes** and the data will be saved in the **Received** folder of the **File Manager**.

To listen to stereo music

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. If you have already paired the stereo Bluetooth headset, please go to **My Device** and select the headset you wish to connect. If you have never paired the Bluetooth headset before, please pair the headset first.



Note:

1. Operating your phone in invisible mode is a safer way to avoid malicious software.
2. Do not accept BT connectivity from sources you do not trust.

Search Audio Device

To pair with a BT audio device, follow the steps below:

1. In **Settings** menu, choose **Connectivity > Bluetooth**.
2. You will have to power on the Bluetooth connectivity of your phone and the device you wish to connect first.
3. After the Bluetooth connectivity is turned on, select **Search audio device**. Your phone will automatically search the device.
4. Whenever you select the device, there will be a pop-up message to notify you.
5. Press **Pair** to pair your phone with the headset. You might need to enter the headset password which is factory-set, refer to its documentation for further information.
6. Then you may add the BT headset to the trust list and connect the headset by selecting **Yes**.



Note:

1. Before using the BT headset, please make sure your device has been full charged.
2. The BT headset added to the trust list would be displayed in **My device** list. In the future, if you wish to connect your mobile phone with a certain BT headset, you can select from **My device** list for connection.
3. All active devices you have connected will be displayed in **Active devices** and you can disconnect anytime by pressing **Disc**.

My name

You can change your device which is your phone's name displayed in other device

Advanced

- **Audio Path:** This function helps you to set if you wish to leave your audio path in the phone or BT headset.
- **Storage:** You can choose the storage for the received files, phone, memory card or always ask.
- **Sharing permission:** You can set your Sharing permission to Full control or read only
- **My address:** you can view your handset address here.

Conn. Management

This function supports to manage the connections.

Data Account

You can access WAP via GSM Data or GPRS. To get the analogue number or ISDN number information, you may need to contact your operator for the service. To get the access point of GPRS, you may need to contact your operator for the service.

6.10.6 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.

6.10.7 Sound Effects

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

6.11 User Profiles

This menu allows you to select a profile from: General, Silent, Meeting, Outdoor and My style. Touch **Options** to access the following options:

- ◆ **Activate:** Select to activate the selected profile.
- ◆ **Customize:** Select to modify the following settings:
 - 🔊 **Alert Type:** Select to set the alert type as Ring only, Vib. Only, Vib. And ring, or Vib. Then ring.
 - 🔊 **Ring Type:** Select to set the ring type as Repeat, Ascending or Beep once.
 - 🔊 **Tone Settings:** Select a ringtone for Incoming Calls, Power On, Power Off, Message Tone and Keypad Tone.
 - 🔊 **Incoming call:** Select a ringtone for incoming calls.
 - 🔊 **Ringtone volume:** Select to adjust the volume for ringtone.
 - 🔊 **Message:** Select a tone for message.
 - 🔊 **Message volume:** Select to adjust the volume for message.
 - 🔊 **Key pad:** Allows you to choose Tone or Click.
 - 🔊 **Keytone volume:** Select to adjust the volume for keytone
 - 🔊 **Power on:** Select a ringtone for power on.
 - 🔊 **Power off:** Select a ringtone for power off.
 - 🔊 **System alert:** Select to turn On/Off the system alert.

6.12 Extra

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

6.12.1 Calculator

Your cellular phone has a built in calculator.

2. Select **Main menu > Extra > Calculator**.
3. Enter the number with the onscreen keypad, and then touch "+" for addition, touch "-" for subtraction, touch "x" for multiplication, or touch " $\div$ " for division.
4. To clear the calculator, touch **Clear**.
5. Finally, touch "=" to calculate.

6.12.2 Unit converter

This feature helps you to convert either the weight or length to a different unit.

6.12.3 Currency Converter

This application allows you to convert currencies.

First, input the rate and then input the local value. Touch [OK] to view the foreign value.

Touch reset to enter new values.

6.12.4 Stopwatch

Split Timing: Allows you to record no more than 20 groups of split time while timing. The start time is 00:00:00, and 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 Records: Select to view, delete, or delete all saved records.

6.13 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.

Homepage: Select to access the homepage directly. You can also set the homepage address in WAP > Settings menu.

Bookmarks: Select to add the web pages that you frequently visit in the Bookmark list. You can also 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 saved offline pages.

Input address: Select to enter a web address then touch **Options** 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, and 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℃ or higher than 40℃.	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

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This model (FCC ID: [T38PCD2052](#)) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 1.178 W/kg and when properly worn on the body is 1.363 W/kg. 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.

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.

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.

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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