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1. Warnings

Not following these simple guidelines may be dangerous or illegal. Read the complete user guide for further information.

TURN ON SAFELY

Do not turn on the phone when wireless phone is prohibited or when it may cause interference or danger.

ROAD SAFETY

Obey all road safety laws. Always use both of your hands to operate the vehicle while driving.

INTERFERENCE

All wireless phones may be sensitive to interference, which may affect performance.

TURN OFF IN HOSPITALS

Follow all restrictions. Turn off the phone near medical equipment.

TURN OFF ON AIRCRAFTS

Follow all restrictions. Wireless devices can cause interference on aircrafts.

TURN OFF WHEN REFUELING

Do not use the phone at/near refueling stations. Do not use near fuel or chemicals.

USE SENSIBLY

Only qualified personnel may install or repair this product.

ENHANCEMENTS AND BATTERIES

Use only appropriate enhancements and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your phone is not water-resistant. Keep it dry.

BACKUP COPIES

Remember to make back-up copies or keep a written record of all important information stored in your phone.

CONNECTING TO OTHER DEVICES

When connecting to any external device, read its user guide for detailed safety instructions. Do not connect with incompatible products.

2. Getting Started

2.1 SIM Card Installation

When you subscribe to a cellular network, you will receive a plug-in SIM card complete with your subscription details, such as your PIN, and available optional services.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

Tips: Face the gold color contact point of SIM card towards the cell phone and push the SIM card into the slot.

2.2 Battery Installation

Caution: Install according to the illustration above to avoid breaking the battery connectors.

2.3 Charging the Battery

Insert the charger; the flash symbol on the charger plug must face upwards.

Connect the charger to a standard wall outlet and the battery power icon in the up-right corner of the screen will start scrolling. When the battery bar stops scrolling, the battery charge is complete. Press the two sides of the charger plug and disconnect the charger from the phone.

2.4 T-flash Card

Insert the T-Flash card into phone. This will expand the Flash memory of the phone. Tap Multimedia menu, you can browse MP3, MP4, picture, etc.

2.5 USB Cable

You can transfer and store files, such as MP3, MP4 and pictures from PC, through USB cable, to the U-disk in phone or identified SD card that is inserted.

3. Your Phone

3.1 Making a Call

In standby mode, press numerical keys to input phone number to dial phone number. When you finish inputting phone number, press the dial key, SIM2 key to make a call. If you're making a long distance call, add the area code preceding the telephone number. During a call, you can press navigation keys to adjust volume. Press left soft key to access Options.

3.2 Emergency Service

You can dial an emergency call without the SIM card. Contact your service provider to get the emergency call number.

3.3 Answering a Call

When you receive a call, the phone will ring or vibrate and will display an incoming call indicator. Press the dial key, SIM2 key, or left soft key to answer. Press left soft key to access options.

3.4 Rejecting/Ending a Call

Press end key to reject an incoming call or end current call.

3.5 Keypad Definition

- Left soft key: To confirm; execute functions left-down corner indicator shows
- Right soft key: To delete a letter or return to upper menu; execute functions right-down corner indicator shows
- Navigation keys: To move cursor up, down, left, right or select letters; to enter shortcuts directly

- OK key: To confirm
- Dial key: Dial the number or answer calls
- End key: Cancel or reject calls; by long pressing can turn on/off the phone
- SIM2 key: Dial the number or answer calls
- Music Control Keys: To enter and operate Audio Player
- * key: Show symbol list in editing mode
- # key: Switch user profiles in standby mode; switch input method in editing mode
- Number keys: Input the numbers or letters they represent.

4. File Manager

Enter this menu; you can check the files store on T-flash card. Press left soft key, you can do options.

5. Phone book

You can store contacts' personal information and numbers while also search for previously stored contacts. Press left soft key to access Options.

6. Fun&Games

For making some funny, the phone designs some games.

The details of operation please refer to game help file.

7. Call center

In the call history menu, you can check dialed calls, received calls, missed calls, rejected calls, delete all, check call time, call cost, and GPRS counter.

8.Messaging

8.1 Write message Please setup the correct message center number before creates the message.

Enter into the create message sub-menu to create the message, press "confirm" key to enter into the "Options" menu. You can access the Send to, Insert template, Insert number, Insert name, Insert bookmark, Save to Drafts, Input method, Add Input Method on the text editing and set operations

8.2 Inbox Enter into the inbox sub-menu to check the received message in the SIM card 1, SIM card 2.Press "OK" key to enter into the menu. The information you can Reply, Call sender, Forward, Delete, Delete all, Use number, Advanced, Edit options operation

8.3Drafts The drafts box storage the SMS which not yet ready to send, you can revise and send again.

8.4Outbox Enter into the Outbox to view the message which you save in the phone (SIM card1/ SIM card 2/ Phone), also included failed to sent messages.

8.5Templates Press "OK" key to enter into the template list, you can edit, delete or create new message while you selected the template.

8.6 SMS settings To set parameters of SMS

8.7 MMS (MMS) Multimedia messaging services, the most outstanding feature is that it can support multimedia message functions. It can send text, sound, picture message etc .

8.8 Voice mail server This will automatically direct incoming calls to the voice mail centre when you cannot accept a call so that the caller can leave a message on the voice mail system of service network. If a message is left,

you can access the message by visiting the voice mail system.

8.9 Broadcast message Broadcast messages refer to public messages sent by your network operator. If you use the broadcast message service you can receive messages on all different subjects from your network operator such as: the weather, taxis, hospitals, etc. Please contact your network operator for available subjects.

9.Multimedia

Press "*" key and "#" key to adjust volume. Press left soft key to access Options.

9.1 Camera: Press left soft key or OK key to select the function. The photo can be previewed in the screen; press OK key to shoot and right soft key to back, left soft key to access Options. Use navigation keys, you can choose and enter the functions list on screen.

9.2 Image viewer Select the album sub-menu, you can quickly view files stored in an album . Please refer to the specific use of camera features in the album operation

9.3 Video recorder Enter the Shoot Mode to shift camera to video recorder. Press left soft key to access Options. Use navigation keys, you can choose and enter the functions list on screen.

9.4 Video Player Preview the videos. Press Next on the navigation key and navigation key to adjust volume. Press navigation keys to select and then press OK key confirm to enter. Press left soft key to access to "List", then press left soft key again to access options.

9.5 Audio Player This function menu is used to store and play the multimedia file. Press the left soft key or OK key to enter and use the Navigation keys, OK key, or Music

Control Keys to operate.

9.6 Sound Recorder You can take a recorder in this function. In the play mode, use "*" key and "#" key to adjust the volume. Press OK button to record. After record, access Options. After entering the file list, select one file, access to Options.

9.7 FM Radio Enter FM radio (insert earphone). Press left/right key to change frequency, press "*" key and "#" key to adjust volume. Press the left soft key to access Options.

10. Organizer

10.1 Calendar

Through the calendar, you can view the date and task list at specific day. Press left soft key to access:

- ◇ **View:** Select the time to show the event.
- ◇ **View all:** show the task list of selected day.
Press left soft key to View, Add, Edit, Delete,
Send vCalendar, Save as file.
- ◇ **Add event:** add new task at selected day.

- ✧ **Delete event:** delete the event.
- ✧ **Jump to date:** directly jump to a specific date.
- ✧ **Go to weekly/monthly view:** view the calendar through weekly or monthly mode.

10.2 Tasks

Through the menu, you can view the task list, and set ring tone prompt mode. The feature can remind you important events. Press left soft key to access:

- ✧ **View:** show the task list.
- ✧ **Add:** add new task. Select task type, then edit task content, and select alarm ring tone mode.
- ✧ **Edit:** edit task content.
- ✧ **Delete:** delete selected task.
- ✧ **Delete overdue:** delete the overdue tasks.
- ✧ **Delete all:** delete all tasks.

- ✧ **Jump to date:** directly jump to a specific date.
- ✧ **Send vCalendar:** select sending vCalendar mod: Send by SMS, Send by MMS, Send by Bluetooth,.
- ✧ **Save as file:** save in the phone or card.

10.3 Alarm

Through the menu, the phone sends out the noisy bell sound at specific time. If the specific time arrives, the phone will ring even if the phone is powered off. Press left soft key to access:

- ✧ **On/Off:** power on or off the alarm through left or right navigation key.
- ✧ **Edit alarm:** set the alarm time.
- ✧ **Repeat:** select the ring mode: Once, Everyday, Days.

- ✧ **Alarm tone:** set the alarm audio, tone or FM radio, and select the tone.
- ✧ **Snooze:** set continuous alarm time.
- ✧ **Alert type:** select the alert type.

10.4 World Clock

The menu allows inquiry time of world each place. When you are outside the country, you can change the system time into the locating place time.

Press left/right navigation key to view the country date and time at different longitude. The country name displays on the upper screen, and the date and time displays below. A world map displays in the middle. Select the country, press left soft key to access "Daylight saving time for foreign city". Set the feature is On or Off.

11 Settings

11.1 Dual SIM settings In the submenu, you can select Dual SIM open, Only SIM1 open, Only SIM2 open or Flight mode.

11.2 Phone settings Enter the "Phone settings" submenu. Here you can make the following settings:

11.2.1 Time and Date This menu includes options for setting the time and the date.

Set time zone there are many international city for select

Set time/date setup the clock and date of the phone

Set format setup the time to 12-hour or 24-hour format. Also can setup the date format.

11.2.2 Schedule power on / off Setup the specified time to power on/ off the phone, you can setup 4 times,

11.2.3 Language Setup the phone language. It contains a number of national language

11.2.4 Preferred input method There are kinds of types of input method in the phone, setup one of the methods to be the default input method

11.2.5 Encoding Text file encoding

11.2.6 Dedicated key In this menu, you can Edit the shortcut function of navigation keys on standby: Up key, Down key, Left key and Right key

11.2.7 Misc. setting Setup the time length of LCD backlight.

11.3 Display Can operate Wallpaper, Analog clock Screen saver, Screen saver, power on & off display, Show date and time the picture settings

11.4 Network settings Enter into the menu; you can

select re-search, network and mode method to get the network service. Select mode can select "auto" or "menu" mode by press left soft key

11.5 Security settings Enter into the "security settings" menu, you can setup the SIM card 1/ card 2 security options to avoid mobile phone or SIM card be illegal use.

11.6 Restore factory settings Enter the security code, the phone will restart and the menu settings will reset to their original values.

11.7 Sound effects You can setup the audio effect.

12 User profiles

Your mobile phone provides many different user profiles for you to set your mobile phone's ring tone, according to case and environments.

In the main menu interface, select "User profiles". Press the Left soft key to enter the "User profiles" main menu where you will be able to see the options: "General", "Meeting", "Outdoor", "Indoor", "Headset" and "Bluetooth".

Note: These six profiles have already been set and the default profile is "General" when the mobile phone leaves the factory. On entering number of dialing interface, hold down # key to quickly turn silence on or off.

13. Extra

13.1 Calculator

Through the calculator, you can operate: Addition, Subtraction, Multiplication and Division.

- 1) Enter the menu, and press numerical key and navigation key to input number and operative symbol "+, -, ×, ÷".
- 2) Press middle key to get the result.
- 3) Press right soft key to clean screen information. When all the character is cleaned, you press right soft key to return upper menu.
- 4) Press END key to exit the function and return idle mode.

"M+": Add the input number to saved number.

"M-": The saved number subtracts input number.

"MR": Show the saved number.

"MC": Clean the saved number.

13.2 Unit Converter

Through the menu, you can operate unit conversion with different weight and length unit.

- ✧ **Weight:** convert unit includes: "kg-pound", "kg-ounce". Press left soft key to change unit.
- ✧ **Length:** convert unit includes: "km-mile", "m-yard", "m-foot", "cm-inch". Press left soft key to change unit.

13.3 Currency Converter

Through the menu, you can operate currency conversion with local and foreign currency. Enter the

currency rate, then confirm. Press left or right navigation key to select proportion, and then convert the currency.

13.4 Health

Through the menu, you can know your health condition.

- ✧ **BMI:** according to BMI, you can calculate your health condition.

13.5 Stopwatch

The menu provides stopwatch timer function.

- ✧ **Typical stopwatch:** time with one stopwatch, you can select different timing mode.
 - Split timing: the cumulative time length from start to stop. Press the left soft key to start timing, the screen will show the

time length. During timing, press right soft key or on the screen, the current time will be kept to show on the top of the screen, at the same time the timer is continually. Press left soft key, the timer stops. Press right soft key to return. Before exit, you will be asked whether to save the record.

- Lap timing: time with lap, and the time length will be zero after a lap. Press left soft key to start timing, the screen will show the time length. During timing, press end key, the current time will be kept to show on the top of the screen, at the same time the time is set zero. Press left soft key to stop the timer. Press right soft key to return upper menu. Before

exit, you will be asked whether to save the record.

- View record: view the timer record.
- ✧ **nWay stopwatch:** time with four directional stopwatches. Press four direction navigation key to select the stopwatch, the stopwatch will show the current direction time length. The total time length will show on the top of the screen from start until stop. When one way stopwatch is run, the other three stopwatches is pause and keep the time length. Press the navigation key to select different direction stopwatch. Press end key to exit.

13.6 E-Book reader

You can read files (*.TXT) saved in the phone storage or Memory Card. (Memory card have been inserted into the mobile-phone).

14 Services

Wireless Application Protocol, a kind of browse

Internet webpage mode. It makes you browse the webpage in any place and time. You can enjoy the resource of Internet, and grasp any information through your mobile. You need apply the service to your network service provider before you use the service.

- ✧ **Homepage:** browse the homepage.
- ✧ **Bookmarks:** enter the network address set advanced.
- ✧ **Recent pages:** enter the network address history list.
- ✧ **Offline pages:** show the pages that offline.
- ✧ **Input address:** input a new address.
- ✧ **Service inbox:** receive the network service information.
- ✧ **Settings:** set the WAP browser connection mode.
 - Select SIM: select SIM1/2.

- Profile: select WAP account from the list, can activate or edit profile. Edit items include: Rename profile, Homepage, Data account, Connection type, User name, Password.
- Browser options: select timeout and set whether show images. If close showing image, the webpage will not show images.
- Service message settings: set service message.
- Clear cache: clear the phone cache.
- Clear cookies: clear WAP browser cookies.

15 Shortcuts You can set the shortcut operation

FCC RF EXPOSURE INFORMATION:

WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION:

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 1.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSI C95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

- Extend your antenna fully.
- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Vehicle mounted external antenna (Optional, if available))

A minimum separation distance of **7.9 inches (20cm)** must be maintained between the user / bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

RF Exposure Information:

FCC RF Exposure requirements: The highest SAR value reported under this standard during product certification for use next to the body with the minimum separation distance of 1.5cm is **0.243 W/kg**, next to the head is **0.525W/kg**. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Do not use the device with the environment which below minimum -10°C , the device may not work.

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