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1 General Information

1.1 Profile

Please read this pamphlet carefully in order to make your phone in perfect condition.

Our company may change this mobile phone without prior written notice and reserves the final right to interpret the performance of this mobile phone.

Due to different software and network operators, display on your phone may be different, refer to your phone for details.

1.2 Safety Information

If your phone has lost or been stolen, notify the telecommunication office the SIM card is disabled (network support is required). This can avoid economic loss caused by unauthorized use.

Please take measures as following to avoid your phone being unauthorized used:

- Set PIN code of SIM card
- Set phone password

1.3 Safety warning and Attentions

Safety warning

> ROAD SAFETY COMES FIRST

Do not use a hand-held phone while driving. Use hands-free fittings when calls are unavoidable while driving. In some countries, dialing or receiving calls while driving is illegal!

> SWITCH OFF IN AIRCRAFT

Wireless devices can cause interference in aircraft. Using a mobile phone in flight is illegal and risky.

Please make sure that your mobile phone is powered off in flight.

> SWITCH OFF BEFORE ENTERING RISKY AREAS

Strictly observe the relevant laws, codes, and regulations on the use of mobile phones in risky areas. Turn off your mobile phone before entering a place susceptible to explosion, such as an oil station, oil tank, chemical plant or a place where a blasting process is under way.

> OBSERVE ALL SPECIAL REGULATIONS

Follow any special regulations in force in any area such as hospitals and always switch off your phone whenever it is forbidden to use it or, when it may cause interference or danger. Properly use your mobile phone near medical apparatuses, such as pacemakers, hearing aids and some other electronic medical devices, as it may cause interference to such apparatus.

Follow any special regulation in force in any area such as hospital and always switch off your phone whenever it is forbidden to use it or, when it may cause interference or danger. Properly use your mobile phone near medial apparatuses, such as pacemakers, hearing-aids and some other electronic medical devices, as or may cause interference to such apparatuses.

> INTERFERENCE

The conversation quality of any mobile phone may be affected by radio interference. An antenna is built inside the mobile phone and located below the microphone. Do not touch the antenna area during a conversation, lest that the conversation quality deteriorate.

> QUALIFIED SERVICE

Only qualified personnel may install or repair phone equipment. Installing or repairing the mobile phone on your own may bring great danger and violate the warranty rules.

➤ ACCESSORIES AND BATTERIES

Use only approved accessories and batteries.

➤ USE SENSIBLY

Use only in a normal and proper manner.

➤ EMERGENCY CALLS

Ensure the phone is switched on and in service, enter the emergency number, e.g. 112, then press the Dial key. Give your location and state your situation briefly. Do not end the call until told to do so.

Note: Just like all other mobile phones, this mobile phone does not necessarily support all the features described in this manual due to network or radio transmission problems. Some networks even do not support the emergency call service. Therefore, do not rely solely on the mobile phone for critical communications such as first aid. Please consult the local network operator. Just like all other mobile phones, this mobile phone does not necessarily support all the features described in this manual due to network or radio transmission problems. Some network even do not support the emergency call service

Precaution

This mobile phone is well designed with fine art. Please exercise special care when using it. The following suggestions will help your mobile phone survive the warranty period and extend its service life:

- Keep the mobile phone and all its fittings beyond children's reach.
- Keep the mobile phone dry. Keep away from rain, moisture, liquid or other substances that may corrode electronic circuits.
- Do not use or store the mobile phone in dusty place, lest that active parts of the mobile phone be damaged.
- Do not store the mobile phone in a high-temperature place. High temperature will shorten the life of electronic circuits and damage the battery and some plastic parts.
- Do not store the mobile phone in a chilly place. Otherwise, moisture will be formed inside the mobile phone to damage electronic circuits when the mobile phone is moved to a constant temperature place.
- Do not throw, knock or shock the mobile phone, as that will destroy the internal circuit and high precision components of the mobile phone.

2 Your phone

2.1 Phone overview

2.2 Functions of Keys

1. Dial key

Press it to originate a call by entering the called number; or press it to receive an incoming call; or press it in standby state to show the latest call records.

2. End key

Press it to end a call being dialed or end an ongoing call; or press it to exit the menu and return to the standby state. You can hold it for two or three seconds can power on/off the mobile phone

3. Direction key

Press them to scroll the options when browsing a function list. In edit state, press direction keys to navigate.

4. Left and right soft key

The bottom line on the screen displays the functions of the Left and Right soft key.

5. OK key

Press it to confirm a selection.

◆ **Number keys, * key and # key**

Press number keys 0 through 9 to input or edit state to input numbers and characters;

In idle screen, you can press OK key then press * to lock keypad. When the keypad is locked, you can press OK key then press * to unlock it.

Press two times the * key to input "+" in standby interface. When the symbol "+" appears,

Press the * key quickly to input "P" or "W", "P" and "W" are used for calling the extension; "+" are used for dialing an international call.

2.3 Technical specifications

Phone

Dimensions (W×D×H):

Weight:

Lithium battery

Rated capacity:

Continuous standby duration: (Relates to network status)

Continuous conversation duration: (Relates to network status)

Please refer to their labels for other data related to the battery and the charger.

3 Getting started

3.1 Installing the SIM Cards and the Battery

A SIM card carries useful information, including your mobile phone number, PIN (Personal Identification Number), PIN2, PUK (PIN Unlocking Key), PUK2 (PIN2 Unlocking Key), IMSI (International Mobile Subscriber Identity), network information, contacts data, and short messages data.

Note:

After powering off your mobile phone, wait for a few seconds before removing or inserting a SIM card.

Exercise caution when operating a SIM card, as friction or bending will damage the SIM card. Properly keep the mobile phone and its fittings such as the SIM cards beyond children's reach.

Installation

- ◆ Hold the End key for a while to power off the mobile phone.
- ◆ Take the back cover above the battery away.
- ◆ Take the battery away.
- ◆ Insert the SIM card into the SIM card slot lightly with the corner cutting of the card aligning to the notch of the slot and the gold plate of the card facing downward, till the SIM card cannot be further pushed in.
- ◆ With the metallic contacts of the battery facing the metallic contacts in the battery slot, press the battery down until it locks into place.

Using code

The mobile phone and the SIM cards support sorts of passwords, in order to prevent the phone and the SIM cards from being misused. When you are prompted to input any of the codes mentioned below, just input the correct code and then press the OK key. If you input a wrong code, clear it and then input the correct code.

◆ Phone lock code

The phone lock code may be set to prevent your mobile phone from being misused. In general, this code is provided along with the mobile phone by the manufacturer. The initial phone lock code is set to 1122 by the manufacturer. If the phone lock code is set, you need to input the phone lock code when powering on the mobile phone.

◆ PIN

The PIN (Personal identification number, 4 to 8 digits) code prevents your SIM card from being used by unauthorized people. In general, the PIN is supplied with SIM card by the network operator. If PIN check is enabled, you need to input the PIN each time when you power on your mobile phone. The SIM card will be locked if you input wrong PIN code for three times.

Unlocking methods as follows:

- Input the correct PUK according to the screen tips to unlock the SIM card.
- Then input the new PIN and press the OK key.
- Input the new PIN again and then press the OK key.
- If the input PUK is correct, the SIM card will be unlocked and the PIN will be reset.

Note: The SIM card will be locked if you input wrong PIN code for three times. To unlock the SIM card, you need to input the PUK. In general, the PUK can be obtained from the network operator.

◆ PUK

The PUK code (Personal Unlocking Key) is required to change a blocked PIN. It is supplied with SIM card. If not, contact your network operator. If you input wrong PUK code for 10 times, SIM card will be invalid. Please contact the network operator to replace the SIM card.

◆ Barring code

A barring code is required for setting the call barring function. You can obtain this code from the network operator to set the call barring function.

3.2 Installing Memory Card

The Memory card is a pluggable mobile storage card inside the mobile phone.

To install the Memory card, open its latch, place its indented side downward, insert the card into

the card slot. Then close the latch

To remove the Memory card, open its latch and slightly take the card out. And then close the latch.

Note:

1. The mobile phone cannot automatically identify the Memory card being inserted when the mobile phone is powered on. You must power off the mobile phone and then power it on, so that the phone can identify the Memory card.

2. The Memory card is a miniature object. Keep it out of the reach of children for fearing that children swallow it!

3.3 Charging the Battery

The lithium battery delivered with the mobile phone can be put into use immediately after being unpacked.

Battery level indication:

- ◆ Your mobile phone can monitor and display the battery state.
- ◆ Normally the remaining energy of the battery is indicated by the battery level icon at the upper right corner of the display screen.
- ◆ When the battery energy is insufficient, the mobile phone prompts "Battery low". If you have set an alert tone, an alert tone will be given off when the battery level is too low.
- ◆ A charging animation appears when the battery is being charged. When the charging is complete, the animation disappears.

Using a travel adapter:

- ◆ Install the battery into the mobile phone before charging the battery.
- ◆ Connect the adapter of the travel charger with the charging slot in the mobile phone. Ensure that the adapter is fully inserted.
- ◆ Insert the plug of the travel charger to an appropriate power outlet.
- ◆ During the charging, the battery level grid in the battery icon keep flickering till the battery is fully charged.
- ◆ It is normal when the battery becomes hot during the charging period.
- ◆ The battery icon does no longer flicker when the charging process ends.

Note:

Ensure that the plug of the charger, the plug of the earphone, and the plug of the USB cable are inserted in the right direction. Inserting them in a wrong direction may cause charging failure or other problems.

Before the charging, ensure that the standard voltage and frequency of the local mains supply match the rated voltage and power of the travel charger.

Using the Battery

The performance of a battery is subject to multiple factors: radio network configuration, signal strength, ambient temperature, chosen functions or settings, phone fittings, and the voice, data or other application mode you choose to use.

To guarantee the optimal performance of your battery, please stick to the following rules:

- ◆ Use only the battery provided by the vendor. Otherwise, damages or even injuries could be caused during the charging.
- ◆ Power off the mobile phone before removing the battery.
- ◆ The charging process lasts a longer time for a new battery or a battery not in use for long. If

the battery voltage is too low to enable the mobile phone to be powered on, charge the battery for a longer time. In this case, the battery icon does not flicker until a long time after the battery enters the charge status.

- ◆ During the charging, ensure the battery is placed in a room temperature environment or in an environment close to room temperature.
- ◆ Immediately stop using the battery if the battery produces odor, overheat, cracks, distort or has other damage, or if the electrolyte leaks.
- ◆ The battery wears out with use. A longer charging time is required as the battery is put into use for a long time. If the total conversation duration decreases but the charging time increases even though the battery is properly charged, purchase a standard battery from the OEM or use a battery approved by our company. Using any poor-quality fittings will cause harm to your mobile phone or even incur danger!

Note: To guarantee your personal safety and protect the environment, do not litter the battery! Return the old battery to the mobile phone manufacturer or place it in specified battery reclamation areas. Do not litter any battery with other rubbish.

Warning: Short-circuits of the battery may cause explosion, fire, personal injury or other severe consequences!

3.4 Powering On/Off the Mobile Phone

Hold the End key for a while to power on the mobile phone. A power-on animation appears on the display screen.

Input the phone lock code and press the OK key if the mobile phone prompts you to input the phone lock code. The original code is 1122.

Input the PIN and press the OK key if the mobile phone prompts you to input the PIN. The PIN is provided by the network operator for new opening SIM card.

Enter the standby interface.

To power off the mobile phone, hold the End key for a while.

3.5 Linking to the Network

After the SIM card and the mobile phone are successfully unlocked, the mobile phone automatically searches for an available network. After finding a network, the mobile phone enters the standby state. When the mobile phone is registered in the network, the name of the network operator is displayed on the screen. Then you can dial or receive a call.

3.6 Dialing Calls

In the standby interface, press Dial-pad enter virtual dial pad, press number keys to input the area code and the telephone number, and then press the dial key to dial a call.

3.7 Using the Headset

It would enter headset mode automatically when you insert headset to the slot. Make sure of inserting it at the bottom of the slot, or you can't use it normally.

4 Input method

This mobile phone provides English input, smart English input and numeric input method. You

can use these input methods when editing the phonebook, short messages, files and greeting text.

4.1 Key for Input Methods

After you enter an edit window such as a window for editing the phonebook, short messages or the memorandum, an icon is displayed to indicate the current input method:

Numeric input: “123”

English input in upper case: “ABC”

English input in lower case: “abc”

5 Using the Menus

5.1 Messaging

If the short message memory is full, a blinking message icon appears on the top of the screen. To normally receive short messages, you need to delete some of the existing short messages.

If the destination user has received the short message you sent and the short message delivery report function is activated, the phone will give off a message report alert tone.

Write message

Access this menu to create a text message.

Inbox

Received Messages are listed in this menu.

Drafts

Draft messages are listed in this menu.

Outbox

The messages which are sent failed are stored in the Outbox.

Sent messages

Sent messages are listed in this menu.

SMS settings

You can set SIM1, SIM2, memory status, save sent message on and preferred storage phone through this function.

5.2 Contact

The mobile phone can store up to 90 telephone numbers. The number of telephone numbers that an SIM card can store depends on the storage capacity of the SIM card. The telephone numbers stored in the mobile phone and in the SIM cards form a phonebook.

Add new contact

Creating new contact storage in SIM1, SIM2, Phone as you need.

Options

After selecting a telephone number in the phonebook, select Options to perform the following operations:

- ◆ **View:** view the detail you selected.
- ◆ **Sent text message:** sent text message to the selected number.
- ◆ **Call:** call the current number of the SIM1 or SIM2.
- ◆ **IP dial:** IP call the current number of the SIM1 or SIM2
- ◆ **Edit:** edit the current number information.
- ◆ **Delete:** Delete the telephone number from the contact.
- ◆ **Copy:** copy the current number to phone, SIM1, SIM2 as you need.
- ◆ **Mark several:** mark the numbers you need send text messages.
- ◆ **Phonebook settings:** To preferred storage, my number, extra numbers memory status, move contacts and delete all contacts through this function.

5.3 Call center

Call history

◆ Missed Calls

You can view a list of the latest missed calls.

*Note: When the mobile phone indicates that some calls are missed, you can select **OK** to enter the missed calls list. Navigate to a missed call and then press the **Dial** key to dial the number that originated that call.*

◆ Dialed Calls

You can view the latest dialed calls. Choose **dialed calls** and then select a dialed call to view, call, sent text messages, save to phonebook and delete.

◆ Received Calls

You can view the latest received calls. Choose **received calls** and then select a received call to view, call, sent text messages, save to phonebook and delete.

◆ Delete call logs

You can select delete the latest call records, such as dialed calls, missed calls, received calls and all calls.

◆ Call timers

Choose Call timers to view the last call time from SIM1/SIM2, the total time of all dialed calls, the total time of all received calls, and to reset all .

Call settings

◆ SIM 1/2 call settings:

You can set SIM1/SIM2 call settings. Such as call ID, call waiting, call divert, call barring and line switching.

◆ Advanced settings:

The Auto redial, IP dial, call time reminder and answer mode were set.

5.4 Multimedia

Camera

The phone is provided with a camera, which supports the photographing functions. In the capture interface, you can press up or down direction icon to zoom in and zoom out, Roll the phone to align the camera to the picture and then press OK key to capture photos. Pictures will be saved in the file system of the phone or the memory card.

Image viewer

You can view the pictures or images through this function.

Video recorder

This function enables you to record dynamic pictures. In the capture interface, press OK key to capture videos clip.

Video player

Use this function to play video files. By pressing the direction key can you control the playing process of video player: play/pause (OK key), fast forward (press and hold right direction key) and rewind (press and hold left direction key). In video player interface, you can press up and down direction key to control volume.

Sound recorder

Users can record sound files through this function. Choose 'new record' to start recording. The record files will be stored in record list.

FM radio

You can use the application as a traditional FM radio with automatic tuning and saved channels. In FM radio interface, left or right direction icon to search channels manually, ok key to play/pause the playing process of the current channel.

5.5 Club

You can enter store and club log on relevant applications after linked with internet.

5.6 Settings

Profiles

The mobile phone provides multiple user profiles, so that you can customize some settings to adapt to the specific events and environments.

Customize the user profiles according to your preference and then activate the user profiles. The user profiles fall into four scenarios: **General, Silent, Meeting and outdoor.**

Dual SIM settings

There are three options to choose: Dual SIM open, Only SIM1 open and Only SIM2 open.

Phone Settings

◆ **Time & date:** set the home city, time/date, the time format, and update with time zone..

*Note: If you remove the battery from the mobile phone or if the battery energy was exhausted a long time ago, you may need to reset the date and time when re-inserting the battery or powering **on the mobile phone after recharging.***

◆ **Language:** Select the display language for the mobile phone.

◆ **Pref. input method:** Select the default input method for the mobile phone.

◆ **Display:** Users can access this item to set wallpaper and show date and time.

◆ **Auto update time:** you can select off/first confirm/ on through this function.

◆ **Flight mode:** you can select Normal mode/ Flight mode.

◆ **Misc. settings:** LCD backlight and picture quality were set as you need.

Network settings

- ◆ **SIM 1/2:** Set Network selection mode to Automatic or Manual. Automatic is recommended. When Network selection mode is set to Automatic, the mobile phone will prefer the network where the SIM card is registered. When Network selection mode is set to Manual, you need to select the network operator's network where the SIM card is registered.
- ◆ **GPRS transfer prefer:** as you need to select data prefer or call prefer.

Security

This function provides you with related settings about safety use

- ◆ **SIM1/2 security**
 1. **PIN lock:** To activate PIN lock, you need to input the correct PIN code. If you set PIN lock to on, you need to input the PIN each time you power on the mobile phone. In the case you input a wrong PIN for three consecutive times; you need to input the PIN Unlocking Key (PUK). The PUK is used to unlock and change the locked PIN. To obtain the PUK, contact the network operator.
 2. **Change PIN:** change your PIN code for protect your phone.
 3. **Change PIN2:** To change PIN2 code of PIN code.
- ◆ **Phone security**
 1. **Phone lock:** The function enables you to lock/unlock the phone. Entering password to switch on or off the phone. Password is required when the phone is locked. The initial password is 1122.
 2. **Change password:** to change phone password.
- ◆ **Auto keypad lock:** Off, 15 Sec, 30 Sec, 1Min and 5Min are available for you to choose.

Restore settings

To restore the factory settings, the default password is 1122.

5.7 Organizer

Bluetooth

You can transfer data, such as music to other device using Bluetooth. Search the device and accept/transfer data. The received data is automatically stored in the directory.

File manager

The phone supports the memory card. The capacity of the memory card is selectable. You can use the file manager to conveniently manage various directories and files on the memory card.

Choose **File manager** to enter the root directory of the memory. The root directory will list the default folders, new folders and user files. When the mobile phone is powered on for the first time or when you have not changed the directory, the root directory contains the default folders only.

Games

F1 race

A game name F1 race was embedded in the phone, for more specification, please refers to Help in the game.

Alarm

You can set five alarms through this function.

Calendar

Once you enter this menu, there is a monthly-view calendar for you to enter the day you want to view or choosing display method with weekly view.

Calculator

The calculator can add, subtract, multiply and divide.

Torch

You can access activate or off torch through this function.

STK

STK service is the tool kit of SIM card. This phone supports the service function .The specific items are depended by SIM card and network. Service menu will be auto added to the phone menu when supported by network and SIM card.

5.8 Audio player

You can use this function to play audio files. By pressing the up and down direction key control the playing process of audio player: play/stop, switch to last song/next song (press left or right direction key) , fast forward (press and hold right direction key) and rewind (press and hold left direction key). In audio player interface, you can # and * key to control volume.

6 Appendix

Appendix 1: Troubleshooting

If you find exceptions when operating the mobile phone, restore the factory settings and then refer to the following table to solve the problem. If the problem persists, contact the distributor or service provider.

Fault	Cause	Solution
SIM card error	The SIM card is damaged.	Contact your network service provider
	The SIM card is not in position.	Check the SIM card
	The metal face of the SIM card is polluted.	Clean the SIM card with a clean cloth

Poor received signal quality	Signals are obstructed. For instance, radio waves cannot be effectively transmitted nearby a high building or in a basement.	Move to a place where signals can be effectively transmitted
	Line congestions occur when you use the mobile phone in high-traffic hours	Avoid using the mobile phone in high-traffic hours
The mobile phone cannot be powered on	The battery energy is exhausted.	Charge the battery
Calls cannot be dialed	Call barring is activated	Cancel call barring
The mobile phone cannot connect the network	The SIM card is invalid	Contact your network service provider
	The mobile phone is not in a service area of the GSM network	Move to the network operator's service area
	The signal is weak	Move to a place where the signal quality is high

The battery cannot be charged	The charging voltage does not match the voltage range indicated on the charger	Ensure the charging voltage matches the voltage range indicated on the charger
	An improper charger is used	Use the charger specially designed for the mobile phone
	Poor contact	Ensure the charger plug is in good contact with the mobile phone

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

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.

Specific Absorption Rate (SAR) information:

This GSM Mobile Phone meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: G-181 (FCC ID: 2ACFG-G181) 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 1.23W/kg and when properly worn on the body is 0.78W/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.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 1.5 cm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.