

Contents

1	PREFACE	2
2	SAFETY	2
3	ABOUT YOUR DEVICE	4
4	GETTING STARTED	9
5	CALL FUNCTIONS	14
6	TEXT ENTRY	24
7	MENU OPERATION	26
8	MENU FUNCTIONS	26

1 Preface

Thank you very much for your choice of this product designed by our company!

Our product complies with the Telecommunication industries standards of Europe. The wireless device described in this guide is approved for use on the GSM network

GSM network is a global cellular communication system of international standards. Allow you to receive an international telephone call used as in your homeland. However, before using these advanced network functions, you must firstly apply for these required services.

In order to better use your device, we suggest that you carefully read this guide to know all the functions well.

Note: Due to the cellular network settings and the services provided, some functions may be unavailable. For more information, please contact your service provider.

2 Safety

Read these concise guidelines. Not following them may be dangerous or illegal.

ROAD SAFETY

Always keep your hands free to operate the vehicle while driving. Park your vehicle safely before using your device.

SWITCH OFF OR USE FLIGHT MODE IN AIRCRAFT

Wireless devices can cause interference in aircraft. Using them in aircraft is both dangerous and illegal. Switch off your device or switch to fight mode before on board.

SWITCH OFF IN HOSPITALS

Follow relevant regulations or rules. Switch your device off near medical equipment.

SWITCH OFF WHEN REFUELING

Switch off your device at a refueling point or near fuels or chemicals.

SWITCH OFF NEAR BLASTING

Don't use your device where blasting is in progress. Observe restrictions, and follow any regulations or rules.

INTERFERENCE

All wireless phones may be susceptible to interference, which could affect the performance.

USE PROPERLY

Use in the normal position explained in the product documentation. Don't touch the antenna unnecessarily.

ACCESSORIES AND BATTERIES

Use only the approved accessories and batteries. Do not connect to incompatible products.

EMERGENCY CALLS

Ensure the phone is switched on and in service. Enter the emergency number, and then

press the talk key. Give your location. Do not end the call without permission.

3 About your device

3.1 Appearance





3.2 Keys instruction

Keys	Descriptions
Direction key	Up/down/left/right key. It has different

	functions in different menus. Center key means OK.
Talk key	Press it to make a call or answer a call; At the standby mode, press it to access Call log.
Left soft key	It depends on the display text above it.
Right soft key	It depends on the display text above it.
End key	Press it to end the current call; Return from any menu to standby mode; Long press to power your device on or off;
Number keys	To input numbers, letters and special characters. Long press 0 key to switch on/off the torch.
* key	In Edit Interface, press it to enter a list of symbols

# key	<p>It has different functions in different menus.</p> <p>At the standby mode, long press it to switch between the current profile and the silent profile; In Edit Interface, switch input methods;</p>
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3.3 Icons

Icons	Descriptions
	Show the SIM1's current network signal level.
	Show the SIM2's current network signal level.
	Show the power level of Battery.
	You have unread SMS in SIM1.
	You have unread SMS in SIM2.
	You have missed calls.
	Alarm is set on.

	The headset is plugged in.
	In Profiles, Alert type is set as Ring only.
	In Profiles, Alert type is set as Silent.
	In Profiles, Alert type is set as Vibrate only.
	In Profiles, Alert type is set as Vibrate and Ring.
	In Profiles, Alert type is set as Vibrate then Ring.
	Bluetooth is powered on.
	Music is playing in background
	The USB cable is connected
	Charger is working in background
	The keypad is locked.

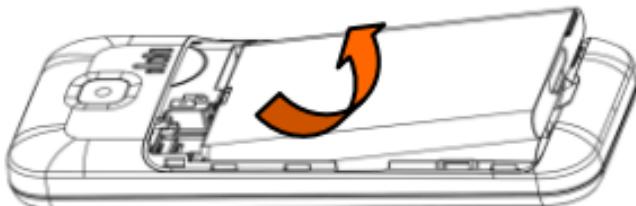
4 Getting started

4.1 Battery

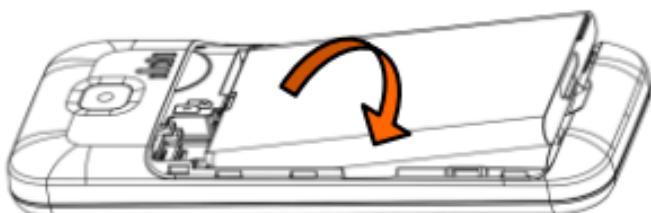
Please use the approved batteries, and only use the battery charger approved by the device producer to charge your battery.

4.1.1 Install &remove battery

Remove: (1) Remove the back cover of the device;
(2)Uplift the battery from its slot and take it out.



Install: (1)Match the metal contacts of battery separately with the battery compartment metal contacts, and put the battery base into the slot;
(2) Push the back cover to lock the cover into its place.



4.1.2 Charging

Connect the charger to a power supply, and then plug in the charger pin to the charger jack on the top.

Charger animation will be displayed if the device is powered off. When it is powered on, the power status icon at the top right corner of the screen will blink circularly.

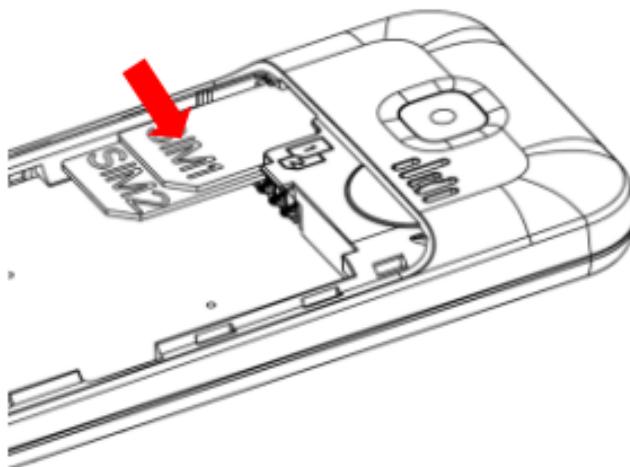
Disconnect the charger from handset and power supply when battery is full.

Note:

- 1 During charging, don't remove or move the battery to prevent the battery circuit from burning out.
- 2 During charging, it is normal that the phone and charger will become heated.
- 3 If the battery is completely empty, it may take a period of time before the charging icon appears on the screen.

4.2 SIM card installation

Up SIM1
Down SIM2

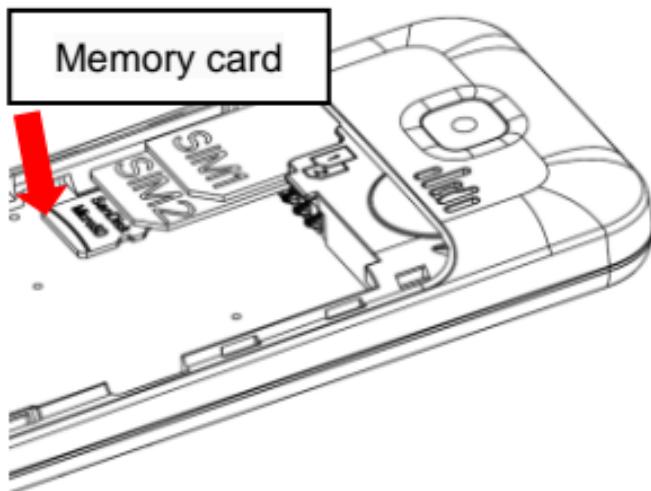


Keep the metallic face of a SIM card downward, and slide it gently to the position of SIM 1.

Keep the metallic face of the other SIM card downward, and slide it gently to the position of SIM 2.

To remove a SIM card, please power off your device first, remove the battery and slide the card out gently.

4.3 Memory card installation



Keep the metallic face of a memory card downward, and slide it gently to the position of Memory card.

To remove Memory card, please remove the battery first and slide the memory card out gently.

4.4 Headset

Insert the headset into the headset jack on the top side of the device if required.

4.5 File manager

File manager is used to manage the phone and the memory cards respectively.

1. Connect to a computer

The USB function of the device is available, no matter the device is powered on or off.

While the device is powered off, it will start charging and open File manager after the USB cable is plugged in. When the device is powered on, it will enter the "USB Config" interface automatically after the USB cable is plugged in. In the interface, select "Mass storage" to start File manager. If your memory cards are inserted, the computer will pop up removal disks, respectively representing your device and memory cards.

After you enter, you will find some preset files or folders. For the sake of normal use, please put related files into relevant directories, that is, videos into Videos, photos into Photos, records into Audio and Bluetooth received into Received. After the operation is completed, if you want to exit, click the USB icon on the lower right side of the PC desktop, select to stop the USB devices, and remove them after the pop-up warning "USB devices can be removed now" appears.

2. Format

If you format Phone or Memory card, all files in it will be deleted. You can format Phone or Memory card in two ways:

Use the phone to format directly.

Steps: Select File manager > Memory card/Phone > Format.

Use PC to format

To better complete the formatting, please follow the following steps:

- (1) Right click My computer to select Manage > Storage > Disk management;
- (2) Right click the disk of a memory card, and select Format.
- (3) In Allocation Unit Size, select Default and then confirm.

4.6 Power on and off

Press and hold the End key to switch your device on/off.

If SIM lock or Phone lock is activated, please enter the password as required.

5 Call functions

5.1 Make a call

When the sign of a network operator appears on the idle screen, you can make or answer calls.

5.1.1 Make a domestic call

Enter a phone number, including the area code if you are calling a fixed phone number (excluding local numbers). Press Talk key to make a call via your desired SIM card.

5.1.2 Make an extension call

When making an extension call, you can press * key to switch until the extension prefix "P" appears. After a switchboard number is dialed, the device will pause automatically for a few seconds then dial your desired extension number. Input the following one by one: Area code –Switchboard number – P – Extension number. Then press Talk key to make a call via your selected SIM card.

5.1.3 Make an international call

Enter the country code, the area code and the phone number. Press Talk key to make a call via your selected SIM card. "+" is required when you enter the country code. You can press * key to switch until + appears.

5.1.4 Make a call from Phonebook

Access Contact menu to select a contact, and press Talk key to make a call via your selected SIM card.

5.1.5 Redial a call by Call log

Access Call log, scroll to a desired number or name, and press Talk key to make a call via your selected SIM card.

5.2 Answer a call

When there is an incoming call, there will be reminding information of the corresponding SIM card. The caller's name or number will appear in the screen if you have activated the Caller ID Display service. At this time, you can press Talk key to answer it.

If an incoming call arrives during your operation in sub window, a new window will pop up to inform you and your operation will be interrupted. If you miss it, when you return to the standby screen, you will be reminded that there is a missed call of SIM 1 or SIM 2.

5.3 Call options

During a call, you can press the left soft key to enter Call options. The options differ according to your call status. Here below are a few of them: Hold single call, End single call, New call, Phonebook, Call history, Messages, Mute, DTMF, Volume.

6 Text entry

During use, you will be required to input texts time and time again. You can input texts, letters, numbers or symbols (including punctuations).

6.1 Switch input methods

In any Text Editor, press # key to switch input methods.

6.2 English input method

Switch to ABC or abc input method. Following the sequence of letters on a key, you can press the key once to insert the first letter on the key, twice for the second letter, etc., until the highlight is on your desired letter. Then release the key to input it.

6.3 PT input method

Switch to pt input method. Following the sequence of letters on a key, you can press the key once to insert the first letter on the key, twice for the second letter, etc., until the highlight is on your desired letter. Then release the key to input it

6.4 ES input method

Switch to es input method. Following the sequence of letters on a key, you can press the key once to insert the first letter on the key, twice for the second letter, etc., until the highlight is on your desired letter. Then release the key to input it

6.5 Input punctuations and symbols

No matter what input method you are using, press * key to display a list of punctuations and symbols for you to select.

6.6 Input numbers

Switch to Numeric input method. Directly press the number keys to input numbers

7 Menu operation

7.1 Access menus

You can press the left soft key or short press OK key to view menus of all levels.

7.2 Access shortcuts

At the standby mode, press direction key to enter the shortcuts list that you set in phone setting.

8 Menu functions

8.1 Call log

Select Call log to view recent calls in SIM1 and in SIM2, including Dialed calls, Missed calls, Received calls, Delete call log, Call timers, SMS counter

8.2 Contacts

After you enter contacts, you can select a number to View , Send SMS, Call, Edit, Delete, Copy, Phonebook settings

Note:

1. Files in File manager can be set as ring tone only after they are sent to Ring tone list.
2. When you are copying entries from Phone to SIM1/SIM2 only the names and numbers of entries will be copied.

8.3 Browser

Your device supports internet service. You can surf the Internet in your device.

Note: To use browser, your SIM 1 or SIM 2 shall support GPRS.

8.4 Camera

After you enter camera, you can view the captured picture through the screen; at the same time, in the preview status, you can press Left soft key to conduct the following settings and set detailed parameters: Switch to video recorder, Photos, Camera settings, Image settings, White balance, Scene mode, Effect settings, Restore default. After all settings are done, press Center key to capture.

8.5 Messages

8.5.1 Write message

Access this menu to edit and send SMS. When you are

writing a message, you can Insert contact. After a message is completed, you can select to send from or save to SIM 1 / SIM 2.

8.5.2 Inbox

View all received SMS messages.

When there is a new message in SIM1 or SIM2, the device will play the preset message tone and the corresponding unread message icon will appear on top of the screen. You can tap and view the new message, or enter Inbox to read it.

After the message is read, you can press Options to View, Forward, Delete, and Filter by.

8.5.3 Drafts

In Drafts, you can view the saved SMS messages. You can select one to Send, Edit or Delete.

8.5.4 Outbox

In Outbox, you can view the uncompleted saved sent SMS messages. You can select one to Resend, Edit or Delete.

8.5.5 Sent messages

In Outbox, you can view the saved sent SMS messages. You can select one to Forward, View or Delete.

8.5.6 SMS settings

Access this menu to configure the following settings of SIM 1 or SIM 2, Memory status, save sent message, preferred storage.

8.6 Charger

In this function you can charge other phones. Get into the menu and insert the charging cable, your phone can output 5V voltage. After you link the other phone with the USB cable, you can charge the phone. Press the minimize key or the end key, you can charge in background. Press the quit key to stop the charger function.

8.7 Tools

8.7.1 Torch

Enter Torch > On to activate Torch. The torch on top of the device will be turned on for illumination.

8.7.2 Alarm

You can set 5 alarms at most. And alarm is still active when you power the device off. In the list of Alarm, select one alarm. You can configure these settings: Status, Time, Alert type, Snooze etc.

8.7.3 Games

this device have Snake game, you can play and enter games setting menu for set game parameter

8.7.4 Calendar

In this function, you can view calendar at any time. You can click to view other dates.

8.7.5 Bluetooth

The device supports Bluetooth. You can establish connections between the device and other devices (Bluetooth headset, PC or handheld Bluetooth device etc) to realize voice calls, data exchange, data synchronization etc. Settings are as follows:

- Power: Activate or deactivate Bluetooth.
- Visibility: Set whether Bluetooth of the device can be found or not.
- My device: Display the current or once connected device, and inquiry new ones.
- Search audio device: Search for a Bluetooth headset and pair it.
- My name: Display online Bluetooth devices
- Advanced: Advanced settings of Bluetooth, as follows:
 - Audio path: Change sound output device.
 - My address: Display Bluetooth address of the device.

8.7.6 Calculator

The device can be used as a calculator to do some simple arithmetic work.

8.7.7 STK

This function is provided by network providers. If your SIM card and network provider don't support it, this function will be unavailable. For more information, please contact your network provider.

8.8 Media

8.8.1 Music

Access this function to play your favorite mp3 songs. In

the player interface, press the center key to play/pause. Press the left/right key to switch to another song. Press the up/down key to volume.

Press Options to display the following menus:

Play: song playing.

Details: Display the information of the playing song.

Refresh list: Manually update songs

8.8.2 FM

In the FM radio interface, you can customize Settings, enter Channel list, Turn on/off or switch to another channel.

Player interface:

Press the up/down key to volume up/down, press the center key to stop/pause, press the left/right key to switch to another channel (+/-0.1MHz).

Channel list: Display the names and numbers of channels that are saved.

Manual input: Enter the FM frequency manually.

Auto search: Search all channels available and save them in the channel list automatically.

Settings: You can activate or deactivate background play (FM is active while you are operating in other interfaces) and FM loud speaker, and set Record format, Audio quality and Record storage.

Record: You can record the current FM program.

Append: Add the current FM content to an existing record file.

File list: View record files in File manager.

Search mode: When Search is activated, you can press the left/right key to start auto search until an active program is acquired.

Note: Insert the earphone while playing or searching for channels.

8.8.3 Videos

Enter Video to select your favorite video clip to play. The device supports MP4/3GP/AVI. While playing, you can press the left/right key to adjust the volume, press the up/down key to control the playing progress.

8.8.4 Photos

In Album, you can operate on a photo: View, Image information, Browse style, Send, Use as, Rename, Delete,. Whether your operation can be done successfully is subject to such factors as the screen size etc,

In addition, when viewing a photo, you can press the left key and press1or 3 key to rotate,

8.8.5 Video recorder

Enter Video recorder to see video preview interface. Press Options menu: Switch to camera, To player, Camcorder settings, Video settings, White balance, Effect settings,

After configuration, tap the record icon to start or pause. When the recording is completed, press OK key, press Right soft key to stop recording. You will be reminded to save the video clip.

Note: For video recorder review, press 1 to check Video Quality, press 2 to check White Balance, and press 3 for Effect Settings, press 4 to switch to Night Mode.

8.8.6 File manager

This enables you to view multimedia files in the memory cards. You can also select one to View, Rename, Copy, Delete etc.

Note: Before formatting, please back up important files to avoid data loss due to formatting.

8.9 Settings

8.9.1 Profiles

The device provides you with several profiles so that you can customize the following settings to meet your different needs: alert type, ring type, incoming call, ringtone volume, message, message volume, keypad, keypad volume, power on, power off, system alert prompt tone and answer mode. The profiles available are General, Silent, Meeting, Outdoor.

8.9.2 Phone

In Phone settings, you can configure the settings below: Time and date, Dedicated key, Shortcuts list, Schedule on/off, Language, Preferred input method, Flight mode.

8.9.3 Display

In Phone settings, you can configure the settings below: Wallpaper, LCD Backlight.

8.9.4 Call

In this function, you can configure SIM 1 call settings, SIM 2 call settings and advanced settings.

SIM 1/SIM 2 call settings

—Call waiting

If the network supports, during calling, the network will remind you of a new incoming. You can hold the current incoming and answer the other one.

To make this function available, please contact local network operator.

—Call divert

Call divert is a network function. With this function, an incoming can be diverted to another phone number or voice mailbox, avoiding missing it.

There are several diverts available: Divert all voice calls, Divert if unreachable, Divert if no answer, Divert if busy, Divert all data calls, and Cancel all (diverts).

—Call barring

If the network supports, this function will enable you to restrict the incoming or outgoing calls.

—Auto redial

You can set it on/off to activate or deactivate this function.

—Call time reminder

You can set a fixed time or a time period to remind you during your call.

—Answer mode

You can set any key and Auto answer when headset mode.

—Call vibration

You can set on/off to Dialed call is vibration tip.

8.9.5 Network

In this function, you can configure network settings for SIM1, SIM2, including Network selection.

Data account contains GPRS account of SIM 1 and SIM 2.

To use Internet normally, please make the following settings correct: Account name, Access point name, User name and Password.

8.9.6 Security

You can configure the security settings for Phone, SIM1 and SIM2 to protect your device or SIM cards from unauthorized use.

The preset password of your phone is 1122. Please revise it to be yours immediately.

—SIM1/SIM2 security

PIN lock

This option makes you select whether to use PIN code or not. The preset PIN code is 1234. After three consecutive incorrect PIN code entries, the code will be locked, and you need the PUK code to unlock it.

If you have activated SIM lock, you are required to input the PIN code each time you power the device on to use the locked SIM card.

—Phone lock

Phone lock can be activated to avoid unauthorized use.

If you have activated Phone lock, you will be required to input the password each time you power the device on.

—Auto keypad lock

Auto keypad lock can prevent from unintentional operations on keypad.

At the standby mode, hold and press OK to lock the keypad. When the keypad is locked, you can hold and press OK or press leaf key+ * to unlock the keypad

—Change password

You can change PIN code and PIN2 code here.

For SIM2 security setup, please refer to SIM1 security setup.

8.9.7 Reset

In this function, when you input phone lock password and confirm, related parameters will be restored to factory settings.

FCC Statement:

1. 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.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance 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.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to

radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.* Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **0.647W/Kg** and when worn on the body, as described in this user guide, is **0.437W/Kg**(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements).

While there may be differences between the SAR levels of various phones and at various positions,

they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on

FCC ID: 2ABBS-M45 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of **15mm** 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.