

User's Guide

Thank you for choosing the Digital mobile phone.

After reading this guide you will be able to fully master the use of your phone and appreciate all its functions and ease of use.

The availability of some services and features described in this manual depends on the network and your subscription. Therefore, some menu items may not be available in your phone. The shortcuts to menus and features may also vary from phone to phone.

Our company reserves the right to revise this manual content without prior notice.

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Keys Description

Key	Description
Home	● At any status, press the key to return to the standby screen.
Power	● Hold down this key to turn your phone off and on. ● Generally, press this key to lock the mobile phone.
Volume	● During the conversation, press the two keys to adjust the volume. ● While playing an audio file, press the two keys to adjust the volume.
Menu	● Show options of current menu.
Back	● Return to the previous menu.

Icons Description

Icon	state	Icon	state
	Signal strength		No single
	No service		GPRS network has been connected
	3G network hasbeen connected		4G network has been connected
	Roaming		Airplane mode on
	Bluetooth on		GPS is positioning
	Vibrate mode on		Silent mode on
	Alarm on		Charging
	Full power		More notifications
	New message		New Email
	NFC is open		Missed calls
	SIM card not detected		WLAN has been connected

	Uploading		Downloading
	App permission		Headphones are inserted
	USB connected		USB sharing networks on

Turn on/off the phone

Turn on the phone

Long press the Power key to turn on the phone.

Tip: If you turn on the UIM/SIM card lock in Settings ,a PIN code is needed after boot. As well as you input the correct PIN code, the phone can be used. You can unlock the lock screen by sliding to either direction in unlock region after boot.

Turn off the phone

Long press the Power key until phone options pop up,select Power off to turn off the phone.

Use as USB flash disk

To copy music , photos, and other files from your computer to your memory card, you must first set up the phone as a card U disk.

Set up the phone as a card U disk

Connected to the computer, select **Connected as...**, then select **USB storage**.

Select **USB connected** and then select **Turn on USB storage** to load the U disk so that you can copy music, photos, and other files from your PC to your phone's memory card or built-in memory card.

Note: When operating mobile assistant and other tools on the PC, you must turn on USB debugging

- In the notification panel you can select to use your phone as a Camera(PTP), Media device(MTP), or Charge only.

Wi-Fi

Wi-Fi offers wireless network access range of 300 feet (100M) . To use Wi-Fi with your phone, you must connect to a wireless access point or hot spot.

Note: Availability and coverage of Wi-Fi signals is subject to the number of devices , infrastructure, and other signals penetrate object.

Turn on WI-FI and connect to a wireless network.

1)Press Home> Menu, then select Settings.

2)Click on the Wi-Fi switch button In Wireless & networks to turn on WLAN. The phone will automatically scan for available wireless networks.

3)Touch the Wi-Fi to enter the WLAN settings. The WLAN network list displays the network name and security settings (open network or WEP, WPA / WPA2 encrypted)of the WLAN network found . If you enable the network notification in WLAN Advanced settings, the phone will remind you an available open wireless network with a icon appearing in the status bar.

4)Select one WLAN network to connect it. When you select an open network, the phone will automatically connect to the network. If you choose the WEP, WPA / WPA2 encrypted network, you must first input the

appropriate password to connect it.

- Note: When the phone is connected to a wireless network, the status bar displays a Wi-Fi icon and shows the approximate signal strength (number of strip lights). If you select a wireless network connected, the name of the WLAN network, status, speed, signal strength, security information and the IP address is displayed.

If you want to remove the wireless network settings in your phone, select **Forget** button. If you want to connect to the network, you must re-input these settings.

- Note: In addition, the phone can also access to Internet via GPRS. Users can manually select it in the specific location of **Settings> Mobile networks> Data connection**.and select data connection to turn on or off the current SIM card data connection.

Bluetooth

1)Select Settings.

2)In the wireless and network, click on the Bluetooth switch to turn on Bluetooth. When turned on, the Bluetooth icon appears in the status bar. The phone will automatically scan for Bluetooth devices.

3)Select Bluetooth to enter the Bluetooth settings, turn on Bluetooth or set your phone to be detected and then the Bluetooth devices found nearby will be displayed in the list below.

(Click on the name of the local Bluetooth device to set the phone to be detected by other Bluetooth devices so that other devices within the range will be able to find the phone.)

•Note: The phone can be detected for longest two minutes. The countdown time shows under the device .After two minutes the device reverts to the undetectable state . Bluetooth devices typically require a

password to be paired. Bluetooth devices paired and connection status will display below headset. When the Bluetooth headset is connected to the phone, the status bar will show the Bluetooth connected icon. Then you can start using the headset to make or receive calls.

Phone Settings

Wireless & networks

Wi-Fi: Turn on/off WLAN and make related settings.

Bluetooth: Turn on/off Bluetooth and make related settings.

Mobile networks: GPRS settings.

More...: Click on More... to view Airplane mode, VPN, NFC, Data usage, Tethering & portable hotspot , etc.

Account & Security

Security : Set the Screen lock,Encrypt phone,Sim card lock,Passwords,Device administrators and Unknown source,etc.

Location: Set Access to my location.

Add account:Add Corporate Account , E-mail Account and Google Account ,etc.The account added will automatically appear in the account bar, allowing you to make the relevant settings.

System

Flash alert:Set flash fires when a call or message coming

Finger Scanner:Register fingerprints and set fingerprints as screen lock.

Notification light:Set color of notification light when you receive notifications.

Storage:Display memory card and phone memory.

Apps:To view,manage,and delete the application on the phone.

Battery:Show more information of battery usage.

Date & time: Set the current date,time,time zone and date format.

Language & input :Select the language, voice search and other input

settings.

About phone:View phone status information, models, the phone's software and hardware information.

More

Backup & reset:Format the phone and restore to factory state.

Accessibility: You can set the use of some function, such as TalkBack, say the password and other mobile phone accessibility options.

Scheduled power on & off:Set the time, at when the phone will automatically turn on or off.

SIM management:Voice calls, video calls, messages, data connectivity settings.

Developer options:Some options that the developers need to set .

Sound

In sound settings you can set volume, silent mode, phone ringtone,

default notification sound, vibrate when ringing, vibrate when phone answer, dial pad touch tone, touch sounds, screen lock sound, vibrate on touch.

Display: Set the phone brightness, wallpaper, battery percentage, Auto-rotate screen, sleep time, font size, sensor calibration and so on.

Lock screen notifications: Show notifications on lock screen.

Quick settings

In standby interface, gently slide down in the status bar area with your fingers, you can open the notification bar and view notifications.

To quickly turn on / off the following settings:

Wi-Fi, Bluetooth, GPS, Brightness, Data connectivity, Smart pause, NFC, Auto-rotation, Airplane mode. You can tap the appropriate icon to make quick settings.

Change wallpaper

System provides you with a variety of static and dynamic wallpapers, in the standby screen, press the Menu button and click on the **Wallpaper** button then choose **Select other wallpaper** to view system wallpapers.

Theme and launcher settings

This machine provides you with a variety of convenient widgets and two themes.

In the standby screen, press the Menu key, there will be a variety of personalization options.

Press and hold the widget needs to be placed on standby desktop and then select the interface needs to be placed by sliding left or right, and finally finish widget setting according to prompts.

Move/ Uninstall launcher application and view detail

1. In idle screen, press and hold the application icon which need to move to another page, then slide left or right to select a page and the position need to be placed.

2. Long press an icon in standby desktop, drag it to the top of the desktop where displays red font **Uninstall** so that you can uninstall an application.

Note: The basic phone applications can not be uninstalled.

Phone

To make a call:

The phone provides functions to make a call, emergency call, conference calls ,answer a call,and other base telephony functions.

You may open Phone application directly from the home screen.

After entering the number and then select your preferred SIM Card to make the call. When you are inputting the number, dial pad interface will automatically show the contacts that match your input to facilitate your operations.

During a call click **Add Call** and the first road calls automatically switch to silent call. Input the phone number of another contact and click to automatically switch to the second road after the first call is set to hold state. After clicking on the **Merge** button, the two road will be set to telephone conference model to achieve multi-party call.

Note: This service is required to subscribe to your carrier.

IP dialing: After entering the number, press the Menu key, select the SIM1 or SIM2 to make a IP call.

Note: IP dialing need to pre-set the IP number.

At the same time, you can also select a number to make a call from the contact list or message interface.

People

By clicking on the **People** icon, you can use the contact function. Contacts feature can manage your contact information. You can view a list of contacts and details, make calls, send text messages, send messages and share contacts.

Import / Export: In the contact list screen, press the Menu key, select Import / Export to choose contacts that you want to import / export.

Add Contact: In the contact list screen, press the Add button at the bottom

to add a new contact.

Contact list: Click a contact image in contact list you can call or send a short message quickly .

Search for contacts: On contact list screen, press the search icon and then input the key word to search for contacts in the list.

Messaging

You can compose and send short messages (SMS) and multimedia messaging (MMS). Click on the desktop **Messaging** icon to open the message application.

New Message: Click the New Message icon in the upper right corner of the interface, write new message and input the contact name or phone number in the recipient field, the phone will be smart to match the available contact stored in the phone. (Also you can select available contacts in contact list or group list)

Input Method: Click on the text editing area and callout the keyboard. Pull down the notification bar, enter the settings and open the **language & input** to switch your input method. (Provided that you have chosen the system input method Google Pinyin input method, downloaded other input method)

Send: After completion, you can tap the SIM1 or SIM2 button to send the message.

Browser

By clicking on the **Browser** icon to open the browser application to access WAP and WWW pages and manage pages. The application can automatically switch vertical screen and horizontal screen.

When surfing the website, select **Bookmarks** or press the Menu key and select **Bookmarks** to open the bookmark list. Press the Menu key and you can also save your browsing web pages to bookmark.

Press the Menu key when surfing the website: You can also share web pages, search on the website and view history records.

Add a bookmark for a webpage to the desktop: In the bookmark list screen, long press a bookmark, select **Add shortcut to home screen** so that you can add an bookmark icon to the desktop for the next visit.

Browser settings: Press the Menu key to select the settings according to your personal preference. You can set your browser regular content, privacy and security settings, and these settings can be reset to the default in advanced settings .

Email

You may open **Email** directly from the home screen. You can use this application to send and receive your email by phone.

You need to input the email account and password when setting up a new account for the first time. In addition, you can set up multiple email accounts and manage them uniformly .

Gallery

Gallery feature is to save your pictures through camera, Internet downloading, received multimedia messages and other ways and manage them.

In standby interface, by clicking on the **Gallery** icon to enter the gallery application and manage all the phone's pictures.

You can click the **Share** button to share your images via Bluetooth, Message, e-mail and other means.

Clock

By clicking on the **Clock** icon to enter the application.

Clock Settings: Enter the clock interface, click the Settings icon in the lower right corner to enter the alarm settings interface.

New Alarm: In the clock interface, click the + sign to add a alarm, enter edit alarm zone and press **Finish** button after set up. To set the alarm time, just slide the pointer directly to the number that corresponds to.

Multimedia features

The phone also provides you with multimedia features, such as: Camera, Music player, video player, Recorder, FM radio and others.

You can run these applications by clicking on the appropriate icon.

Personalized applications

The phone also provides you with personalized applications, such as: Calculator, Calendar, NoteBook, Maps, SecurityCenter, Weather, Play store and others. You can run these applications by clicking on the appropriate icon, which will make your life and work more convenient.

Simple Troubleshooting

1. Failed to turn on your phone

The reason maybe battery power is used up. Please check the battery power level or charge the battery.

2. Poor reception

When you use your phone at poor reception areas, for example, near high rise buildings or base rooms, the radio wave cannot be transmitted effectively. Please avoid this place as far as you can.

3. Echoes or noises

The trunk line of network is in bad condition. It is a regional problem. Please hang off the call and dial again, or you can choose another better line.

4. Failed to charge the battery

The reason maybe battery or the charger is damaged. Please contact your dealer.

5. PIN code error

If you have inputted incorrect PIN code for three times, your PIN will be locked. Please contact your network operator. After the operators offer you

the UIM card PUK code, use the PUK code to unlock the UIM card.

6. SIM error

Maybe your SIM card is not well inserted or SIM card is damaged.

7.Can not find musics imported

After using 91 assistants / pea pods and other third-party PC tool to import music files but no new imported music was found in the music player. May be due to third-party PC tools do not provide data refresh function. Please select **Refresh** in the music player menu to refresh manually.

Important Safety Information

■ Precautions to carry the phone

Remember to follow special regulations in force. In the place where prohibit the use of cell phones which may cause interference or danger, be sure to turn off the phone. Whether it is in the normal position against the ear or 2.5 cm away from the body, the device meets RF exposure guidelines. If you are using a mobile phone sets, belt clip or others to carry the phone, it should not contain metal and the distance from your body should be at least 2.5 cm.

■ RF energy leaks

Your phone is a low-power radio transmitter and receiver. After boot it will receive and transmit radio signals intermittently. Network system will control the phone's transmitting power. The phone conforms to the disclosure requirements related to RF energy in your country.

■ RFI Compatibility

Your phone may cause compatibility RF interference to the electronic devices which have not properly shielded designed or lack configuration of radio frequency..

■ In public places

Please turn off the phone in the place where post specific notice. These places include hospitals ,rest homes and other medical establishments, where these may be facilities which are sensitive to external RF signal.

■ Aircraft safety rules

On the plane or in the vicinity of the aircraft, turn off the phone and remove the battery or turn off the phone's telephone function. It is illegal to use a mobile phone on the plane. It may be dangerous to the operation of the aircraft as well as destroy the mobile phone network. Offenders may be prosecuted, or accept a double punishment.

■ Pacemaker

If you use a pacemaker, then do not put the phone turned on inside jacket pocket, the distance between the phone and the pacemaker should be maintained at least 15 cm or more. Please use the phone on the other side of the location where the pacemaker is to reduce potential interference. If you suspect that interference may occur, turn off the phone or the phone's telephone function immediately.

■ Hearing Aid

Mobile phones may interfere with some hearing aids. If interference occurs, please contact the manufacturer of hearing aids to find a solutions.

■ Other medical equipment

If you use any other personal medical device, consult the manufacturer of these devices to confirm whether they are adequately shielded from RF energy. You can also consult the doctor about the relevant information.

■ Note the use of cell phones while driving

When you use your phone while driving, please comply with the relevant provisions of the traffic regulations, if driving conditions are bad, place the car parked in the street, and then make or receive calls. If your vehicle is equipped with airbags, then please don't place the phone in the areas where airbag deployment can reach. Otherwise if the air bag inflates, it will cause serious injury.

■ Place may cause an explosion

Before entering areas with potential factors of explosion-prone, please turn off the phone. Area could cause an explosion include: fuel zone (such as below boat deck, fuel or chemical products transportation and storage facilities), the places where the air contains chemicals or particles (such as grain, dust or metal powders) . The places where there is a risk of explosion usually have signs, but not all places have such signs.

■ Electromagnetic Radiation

The maximum value of this product's electromagnetic radiation Specific Absorption Rate (SAR) is 2.0 W / kg, which is in full compliance with the requirements of national standard GB 21288-2007.

■ Battery Caution

1. Use a battery in normal indoor environment. Temperature: $-20\text{ }^{\circ}\text{C} \sim 35\text{ }^{\circ}\text{C}$, relative humidity: $65 \pm 20\%$.
2. During use, keep away from heat, pressure. Prevent children from playing with the battery. Do not drop the battery.
3. The battery can only use matching charger. The battery should be charged, used and stored far from the electrostatic place. Please do not continuously charge for more than 24 hours.
4. Be careful not to put the battery positive and negative anti-loaded, do not short-circuit the battery positive and negative. To avoid danger, please keep the battery away from moisture.
5. If no long-term phone, remove the battery from the device and placed in low humidity environment, so that the battery is in a semi-saturated, that is not fully charged, nor complete discharge.
6. Battery has a lifetime. If you are using a battery whose operating time is much less than usual, the battery must be replaced. If battery is upon termination of lifetime, it should be removed from the device immediately. Please handle waste batteries safely and properly. Please return used

batteries to the vendor or designated collection point, but not place in household garbage.

■ Battery hazard warning

1. Do not heat the battery in high temperature or thrown it into the fire. Do not put the battery on heating utensils, washer or high-pressure container so as not to cause an explosion. Do not put the battery into the water and do not let it get wet.

2. Avoid battery contacting with metal battery which may cause damage. Do not put the battery with necklaces, hairpins, coins, screws or other metal products together in pocket or bag, and do not store the battery together with the above items.

3. Do not attempt to open the battery.

4. In use, charging, or during storage battery, if you find the unusual phenomenon such as battery leakage or emitting unpleasant odors, heat up, discoloration, deformation, or others, please stop using it.

5. If the fluid leaks onto the skin, Please wash out with water immediately and go to the hospital for treatment.

■ Precautions for Children

Keep your phone out of the reach of small children. Your phone is not a toy. Children may hurt themselves. They may damage the phone or its accessories unconsciously. Phone or accessory in some small parts may be demolished, and there will be danger of being swallowed into their mouths.

FCC Warning:

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.

Any 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.

Specific Absorption Rate (SAR) information:

This smart 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: Smart phone (FCC ID: 2BAVY-TANK2PRO) 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 0.514W/kg and

when properly worn on the body is 0.849W/kg. This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm 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 10mm 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.

CE Waring:

1.Use careful with the earphone maybe excessive sound pressure from earphones and headphones can cause hearing loss.



2.Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

3.The product shall only be connected to a USB
interface of version USB2.0.

4.Adapter shall be installed near the equipment and
shall be easily accessible.

5.EUT Operating temperature range: 0° C to 40°C .

6.Adapter: The plug considered as disconnect device of adapter
Power supply and ADP(rating):

Input: 100-240V, 50/60Hz, 1.8A

Output: 5V, 3A, OR 9V,3A, OR 12V,3A, OR 15V,3A, OR 20V,5A

PPS:3.6V-20V,6A 120W MAX

7.The device complies with RF specifications when the device used at 5mm you're your body.

8.To prevent possible hearing damage. Do not listen at high volume levels for long periods.

9.Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

This product may be used in the following European member states subject to the following restrictions. For products that operate in the frequency band 5.150 to 5.250 GHz, wireless access systems (WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES
	FI	FR	HR	HU	IE	IS	IT	LI	LT	LU	LV
	MT	NL	NO	PL	PT	RO	SE	SI	SK	TR	

Declaration of Conformity

Shenzhen OBLUE Communication Technology Co.,Ltd.hereby declares that thisRugged feature phone is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10),This product is allowed to be used in all EU member states.



Frequency band(s):

GSM900: 880 ~ 915 MHz(TX) 925 ~ 960 MHz (RX)

DCS1800: 1710 ~ 1785 MHz(TX) 1805 ~ 1880 MHz(RX)

WCDMA Band 1: 1920 ~ 1980 MHz(TX) 2110 ~ 2170 MHz(RX)

WCDMA Band 8: 880 ~ 915 MHz(TX) 925 ~ 960 MHz(RX)

FDD LTE Band 1: 1920-1980 MHz (TX), 2110-2170 MHz (RX)

FDD LTE Band 3: 1710-1785 MHz (TX), 1805-1880 MHz (RX)

FDD LTE Band 7: 2500-2570 MHz (TX), 2620-2690 MHz (RX)

FDD LTE Band 8: 880-915 MHz (TX), 925-960 MHz (RX)

FDD LTE Band 20: 832-862 MHz (TX), 791-821 MHz (RX)

FDD LTE Band 28: 703-748 MHz (TX), 758-803 MHz (RX)

TDD LTE Band 34: 2010-2025 MHz (TX), 2010-2025 MHz (RX)

TDD LTE Band 38 :2570-2620 MHz(TX), 2570-2620 MHz(RX)

TDD LTE Band 40: 2300-2400 MHz (TX), 2300-2400 MHz (RX)

BT:2402-2480 MHz

BT LE:2402-2480 MHz

2.4 WLAN: 2412-2472MHz

5.2 WLAN: 5180-5240MHz

5.3 WLAN: 5260-5320MHz

5.6 WLAN: 5500-5700MHz

5.8 WLAN: 5745-5825MHz

GNSS: 1559-1610MHz

FM Receiver: 87.5-108MHz

NFC: 13.56MHz

Maximum radio-frequency power transmitted:

GSM900: 33.20dBm

DCS1800: 30.08dBm

WCDMA Band 1: 23.38dBm

WCDMA Band 8: 23.23dBm

LTE Band 1: 23.56dBm

LTE Band 3: 23.47dBm

LTE Band 7: 23.83dBm

LTE Band 8: 23.97dBm

LTE Band 20: 21.71dBm

LTE Band 28: 24.18dBm

LTE Band 34: 23.67dBm

LTE Band 38: 23.58dBm

LTE Band 40: 23.55dBm

BT: 4.94dBm EIRP

BT LE: 6.60dBm EIRP

2.4 WLAN: 17.33dBm EIRP

5.2 WLAN: 15.99dBm EIRP

5.3 WLAN: 15.35dBm EIRP

5.6 WLAN: 16.82dBm EIRP

5.8 WLAN: 13.20dBm EIRP

NFC: -30.48dBm