NUQLEO

Ion LITE   Guía básica

FCC ID:JJMIONL

Thank you for purchasing the **Nuqleo ION** Multimedia Phone. This guide will show you how to set up your phone and use its basic functions. Once your phone is up and running, you can visit **www.nuqleo.com** to find out more about all the great features your new mobile phone has.

The two-inch LCD color display uses the latest TFT technology, for vivid colors, crispier text and improved readability of the screen from any angle. The phone supports dual SIM cards, and operates on a GSM/GPRS network. In addition to mobile telephony, this device also integrates a host of other functions to make your life easier, such as text messaging, MMS, FM Radio, Mobile TV, wireless connectivity to any *Bluetooth*-enabled devices, web browsing, mobile business applications, games, videos, photos and more.

Strap eyelet
Earpiece
Menu Key
Send/Answer key 1 & 2
Micro-USB port
Navigation key
Back
Power/End Key
TV key
Center Select Key
Antenna
Microphone
3.5 mm headset jack
Flashlight
Speaker
Camera Lens

Chapter 1. Basic setup
1.1 Installing the battery, SD memory and SIM cards

Before using your phone for the first time, you must insert a SIM card. You need to have at least one available in order to operate on a GSM network, known as Global System for Mobile Communication.
The installation process is as follows:
• Carefully slide down the back cover to remove it.
• First, insert the SD card (if you have one available) in the corresponding slot as marked, making sure the contacts of the card are facing down.
• Next, insert SIM Card 1 (top slot) in the proper position, and do the same with SIM Card 2 (bottom slot), if adding a second one on your phone.
• Now, proceed with the battery installation by aligning the contacts on the unit with the connectors inside the compartment.
• Finally, replace the phone cover by gently sliding it up until it locks into place.

SD
SIM1
SIM2

1.2 Charging your phone
• You must fully charge the battery prior to using the phone for the first time. Firmly insert the micro-USB end of the supplied charger into the I/O port on the phone, and the other end to a standard AC wall outlet or to an available USB port on your computer.
• The new battery needs to be initially charged for at least 5 hours.
• Let the battery drain completely, before recharging it to full capacity once again. Thereafter, allow the battery to charge until the icon on the screen stops blinking.

1.3 Switching your Phone on/off
• Press and hold the Power/End key for several seconds to switch on the device. The welcome screen will appear.
• To switch off the phone, press and hold the Power/End key again for several seconds. The power-off screen will confirm your selection, disconnecting the device completely.

USB Cable
Power/End Key

Chapter 2. Getting started
2.1 Main screen

As soon as you power-on your phone, you will see the main screen. This screen provides quick access to the things you need most, and key information concerning the current status of your phone.

The main screen contains five shortcuts, used for launching the most frequently-used applications instantly.

Main menu   Message center   Phonebook   Services   Keypad lock

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2.2 Call management
1. You can dial a telephone number quickly and easily from your main screen. Simply use the keypad to enter the number you wish to call, and then press the **Send/Answer key** 1 or 2, according to the SIM card you wish to use. The call timer appears on the screen showing the time that has elapsed since the user accepted the call.
2. To end a call, or to reject an incoming call, press the **Power/End key**.
3. Emergency calls can be made using the numbers provided by your network operator, even when your phone is locked or the SIM card is not inserted. Please contact your service provider for details, as emergency numbers and availability vary by country.

2.3. - Message center
1. Using the navigation key, go to **Messaging**, press the Center select key in order to activate the **Write message** option. When done, select the message type you want to compose: text or multimedia.
2. Start writing your message and/or insert a picture, video or audio file.
3. Look for **options** and select **Sent to**. Under that submenu, you have the option of entering a phone number directly, or choosing a saved contact from your phonebook. Should you want to include additional recipient(s), choose **Add phone number from Phonebook** and scroll down the names contained in your contact list. Press the center select key to send your message.
4. When you receive a new message, the mailbox icon on your screen will pop up. You can view it immediately or read it at a later time. To do so, open the message center and select **Inbox**, in order to check your unread communications.
5. For voice messages, the envelope icon will be displayed in your main screen to alert you that a new voice mail was received.

2.4. - Internet access
You can now surf the web in no time using your new mobile phone.
1. Select the shortcut icon on your main screen, to open the menu and log on to your preferred websites.
2. Please note that some configuration is needed before using the browser, based on your local service provider specific settings.

Chapter 3. Other cool features
3.1 Security settings
The phone can be locked to prevent the unintended activation of your device, or to protect it against the unauthorized use of your phone or account.
There are 3 security options you can resort to:
1. **Keypad lock**: accessible by selecting the shortcut icon on the main screen, or by choosing **menu> settings > security settings**.
2. Phone lock: set up a password to lock your phone. The factory default is 1122.
3. **SIM PIN**: set up a PIN code to block access to your card.

3.2 - Phonebook
On the main screen, select the shortcut icon to activate the phonebook.
Use it to view, search, edit, add or delete a contact. The phonebook can also be used to call or send messages directly to the contacts saved in the list.

General	Network	Quad band GSM 2G, at 850 / 900 / 1800 / 1900 MHz
	Phone type	Multimedia
	SIM	Dual SIM card capability
	CPU	MTK6250D, 260MHz
Size	Dimensions	107x58.5x12.5 (mm)
	Weight	80 g approx (with battery)
Display	Type	262k color TFT display, resolution of 176 x 220 pixels
	Size	2 inches
Sound	Alert types	Multiple polyphonic ringtones
	Speakerphone	Yes
	Earphone jack	Yes
Memory	Phonebook	100 entries
	Call records	20 dialed calls, 20 missed calls, 20 received calls
	Internal	32Mb (4MB) ROM
	Expandable	Supports up to 16 GB with micro SD card slot
Battery*	Type and capacity	Li-ion battery, 3.7 V 600 mAh
	Talk time	Up to 4 hours
	Standby time	Up to 9 days
Highlights	Messaging	SMS, MMS
	Keypad	QWERTY
	Browser	WAP compliant with GPRS, for high speed data transmission and smooth internet connection
	Bluetooth*	Yes
	TV and FM radio	Yes
	Camera	Integrated VGA camera with zoom and video recording capability
	Video and audio player	MP3, MIDI, MP4, 3 GP and AVI formats
	Languages	Multilingual: English, Spanish, Portuguese and French
	Flight mode	Yes
	Vibrate alert	Yes
Other	Warranty	Yes
	Certifications	FCC

* Please note duration times vary depending on usage patterns and conditions. Battery power consumption depends on factors, such as network configuration, signal strength, operating temperature, features selected, vibrate mode, backlight settings, browser use, frequency of calls, and voice, data, and other application usage patterns.

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4. More Function
FM radio
Into the FM radio menu，click the list icon into option list
Channel list：Shows FM channel list.
Manual input：Can be their own editors to manually enter the channel frequency, the effective value of 88MHz-108MHz
Auto search：Auto search FM channels in the channel list.
Settings：Can modify the Background play, Record format and Audio quality settings. Open the Background play, in the other interface can also play FM.
Record：To record FM.
File list：Display FM radio recording file

Bluetooth
Power：Activate Bluetooth on or off the Bluetooth function.
Visibility：If set as On, other devices can search this Bluetooth device; if set as Off, other devices can not search this Bluetooth device.
My device：Can search for nearby Bluetooth devices.
Search audio device：Free devices to search for near-free decoration, such as Bluetooth headsets.
My name：The Bluetooth device name can be modified.
Advanced Options :
Audio path Set the sound path can be set to stay in the sound and go hands-free cell phone devices. If set to go hands-free device, connected to the phone, the sound will be automatically transferred to the handsfree device.
Storage To receive the file will be automatically transferred to the specified path, the path can be set as phone or memory card.
My address Display device Bluetooth physical address.

Mobile TV
Your phone provides the functions of television programs. Through the menu interface into the TV player interface, click option to enter the Options menu:
1.play: play to the channels
2.Update: Select the region where the mobile phone is in location,Update the channels
3.Rename:Rename the channels
4.Delet:delet the channels

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 Commissions (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:

<ANSIC95.1> (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.

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 0.275W/kg, next to the head is 0.961W/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: 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℃ or maximum over 50, 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.