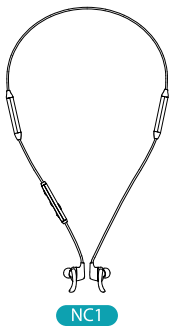
iHaper

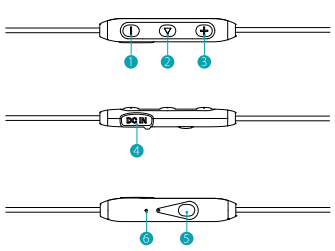
Instruction Manual



NC1

ANC Bluetooth earphone

Overview



EN

1. Volume down button
2. Multifunction button
3. Volume up button
4. USB charging port
5. ANC button
6. Microphone

EN How to use

Power on	When the earphone is off, press and hold the multifunction button for about 2-3 seconds.
Power off	When the earphone is on, press and hold the multifunction button for about 3 seconds.
Turn on/off ANC	Press and hold the ANC button for about 1 second.
Pairing	When the earphone is off, press and hold the multifunction button for about 5-6 seconds until the red and blue LEDs flash alternately.
Volume control	Press the volume up button to increase the volume. Press the volume down button to decrease the volume.
Track selection	Press and hold the volume up button to next track. Press and hold the volume down button to previous track.
Pause/Play	Press the multifunction button once to play/pause the track.
Answer/End a call	Press the multifunction button.
Reject a call	Press and hold the multifunction button for 1-2 seconds.
Mute/Resume the microphone	During a call, press both the volume up and the volume down buttons simultaneously to mute or resume the microphone.
Redial the last number	Press the multifunction button twice to redial the last number.
During USB charging	The earphone will automatically shut down immediately.
Delete pairing information	When the earphone is on, press and hold both the volume up and the volume down buttons simultaneously for about 5 seconds.
Activate voice control function	Press and hold the multifunction button for about 1 second.

LED indicator

Power on	After the blue LED is on for 1 second, it will flash once every 0.5 seconds (if the earphone is connected, the blue LED flash once every 5 seconds).
Power off	The red LED will be on for 1 second and then go out.
Pairing	The red and blue LEDs will flash alternately.
Charge	When charging, the red LED will be on. When the charging is completed, the red LED will go out and the blue LED will be on.
Connected	The blue LED flashes once every 5 seconds.
Disconnected	The blue LED flashes once every 0.5 seconds.
When playing music	The blue LED flashes once every 5 seconds.
During a call	The blue LED flashes once every 5 seconds.
Low-battery alarm	The red LED flashes once every 5 seconds.

Specifications

Bluetooth version	V4.2
RF output power	0 dBm
Bluetooth profile	A2DP、AVRCP、HFP
Audio decoding	SBC
RF carrier frequency	2402MHz-2480MHz
Bluetooth receiving distance	10m (No electronic signal interference, no obstacles)
Shutdown current	<8uA
Standby current (when ANC is off)	<1.5mA (average current), maximum instantaneous current <7mA
Standby current (when ANC is on)	<8mA
Charging voltage	Micro-USB DC 5V
Current during playback (when ANC is on)	About 25mA
Current during playback (when ANC is off)	About 20mA
Current during calling (when ANC is on)	About 17mA
Current during calling (when ANC is off)	About 16mA
Charging current	108mA
Automatic shutdown	About 10 minutes
Battery indicator	Support for displaying battery indicator on iOS system
Battery	120mAh*2 lithium polymer battery

Mic	Sensitivity	-42±3dB（94dB SPL @1kHz）
	SNR	60dB（94dB SPL @1kH）
Speaker	Size	Φ13.6mm
	Impedance	32±15%Ω
	Sensitivity	105±3dB（IEC-711，1kHz@1mW）
	Frequency response	20Hz-20kHz
	Rated power	3mW
	Maximum power	10mW
	Distortion	≤5%（IEC-711，1kHz@1mW）

FCC Statement

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 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.

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

FCC Radiation Exposure Statement

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE RoHS

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