

# User Manual

## B097



Hybrid Bluetooth Active Noise Cancelling

# **1 Introduction**

## **1.1 Overall Introduction**

1. This product is an overhead and lightweight headset which adopts Bluetooth technology, guarantees finest sound quality and clear voice chat.
2. The transmitting & receive distance exceeds 10 meters (straight line) in the open-air condition.
3. High performance Li-ion battery supports approx. 49 hours working time.
4. Better Active noise cancelling (ANC) effect to reduce the low-frequency noise.

## **1.2 Product Application**

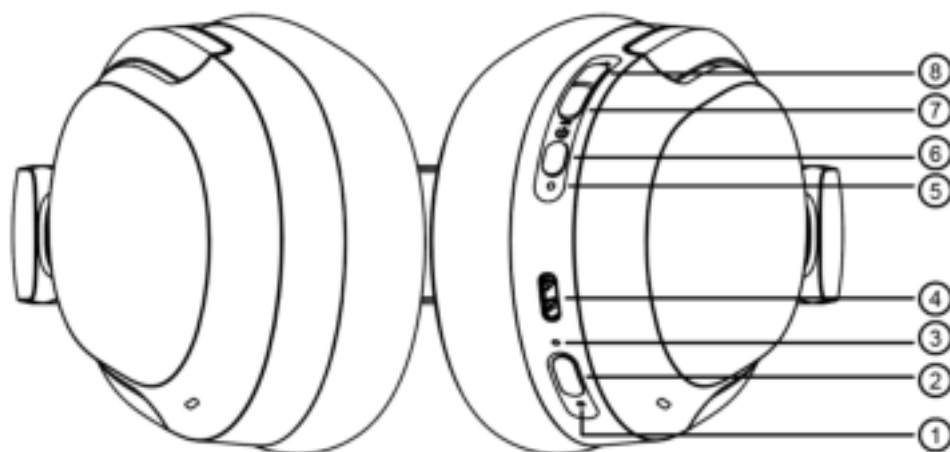
1. For PC with Bluetooth function, this product is an audio system to have the automatically wireless connection used for music play.
2. That compatible the varied communicate / Chat platform with clear voice.
3. Compatible with most Bluetooth-enabled mobile phones for wide-ranging use.

# **2 Product Description**

## **2.1 Feature Summary**

1. Comfortable and light weight headset design to meet the MMI (Man Machine Interface) engineering such as soft flexible headband design.
2. Bluetooth wireless technology to provide the stable and good connection without cable.
3. Exceed 10 meters wireless transmit and receive distance.
4. Ear cup can be rotated in left, right, up and down direction to make more comfortable.
5. Concealed Microphone design with higher sensitivity.
6. Remote call connection and disconnection and more operation functions of Bluetooth.
7. High performance and longer use life battery to make sure the working time.
8. Active noise cancelling function to make sure you can focus on music and work

## 2.2 User Interface



1. ANC LED
2. ANC ON/OFF
3. Charging LED
4. Type-C Port
5. Power LED
6. Power ON/OFF
7. Volume control down
8. Volume control up

### Getting started with B097

1. To get started using headphone, first you need to charge the battery. After you power it on, then you can pair to your Bluetooth- enabled phone, tablet or laptop. Once headphone is paired, you can immediately start taking and managing calls or listening to music.
2. Charge the battery: connect the USB cable to the Type-C Port on B097. Connect the other end to a charge adaptor. When charging, the charging LED will be as follows:

Status of charging	charging LED Indicator
Below 20%	Power light slow flash red
20%-69%	Power light slow flash yellow
70%-99%	Power light slow flash green
100%	Green LED light on

## 2.3 Functions Operation.

Feature	Device Status	Operation	Details
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Power on	Power off	Press and hold the power button for 3s.	Under power off status, press and hold the power button for 3 seconds, then the headphone will turn on, and with prompt "Power ON" tone. Power LED will light blue for 2s then off.
Power off	Power on	Press and hold the power button for 3s.	Under power on status, press and hold the power button for 3 seconds, then the headphone will turn off, and with prompt "Power OFF" tone. Power LED will light red for 2s then off.
<b>Pairing &amp; Connection.</b>	Software by using: B097		
<b>Feature</b>	<b>Device Status</b>	<b>Operation</b>	<b>Details</b>
Enter in pair	Power off	Press and hold the power button for 5s.	Under power off status, press and hold the power button for 5s, then the headphone will entering pairing mode, it will prompt "Pairing" tone. Power LED will light red and Blue blinking alternation.
Pairing	Pairing	Release the power button	Power LED light Red and Blue blinking continue time 5 mins.
Pair Successful	Pairing	Release the power button	It will prompt "Connect" tone. Power light slow flash blue.
<b>Calling (PC)</b>	Communication by using : QQ, Skp, MSN		
<b>Feature</b>	<b>Device Status</b>	<b>Operation</b>	<b>Details</b>
Volume Up	Calling	Short press the "+" button	Voice "Tone" when maximum volume
Volume Down	Calling	Short press the "-" button	Voice "Tone" when minimum volume
<b>Calling (Mobile Phone)</b>			
<b>Feature</b>	<b>Device Status</b>	<b>Operation</b>	<b>Details</b>
Incoming tone	Incoming call	Mobile phone tone happens when incoming call	
Cancel calling	Calling	Short press the power button	With Voice "Tone"
Answer call	Incoming call	Short press the power button	With Voice "Tone"
Reject the calling	Incoming call	Press and hold the power button for 1s, release the button when prompt.	With Voice "Tone"
End calling	Calling	Short press the power button	With Voice "Tone"
Volume Up	Calling	Short press the "+" button	Voice "Tone" when maximum volume
Volume Down	Calling	Short press the "-" button	Voice "Tone" when minimum volume
<b>Music Play</b>	Music player by using : Windows Media Player		
<b>Feature</b>	<b>Device Status</b>	<b>Operation</b>	<b>Details</b>
Volume Up	Music Play	Short press the "+" button	Voice "Tone" when maximum volume
Volume Down	Music Play	Short press the "-" button	Voice "Tone" when minimum volume
Pause	Music Play	Short press power button	With Voice "Tone"
Play	Music Pause	Short press power button	With Voice "Tone"
Previous Track	Music Play	Press and hold the "+" button for 3s	N/A
Next Track	Music Play	Press and hold the "-" button for 3s	N/A
Pairing Fail	Power on	N/A	Auto power off after 10 mins
Non-connection	Power on	N/A	Auto power off after 10 mins

ANC function	Connect with your device by Bluetooth		
Feature	Device Status	Operation	Details
ANC ON	Power on	Short press ANC button	Open ANC mode, with Voice "ANC ON". Blue LED light will flash.
Pass Through	ANC ON	Short press ANC button	Open Ambient sound mode, with Voice "Pass through". White LED light will flash.
Normal Mode	Pass Through	Short press ANC button	Open normal mode, with Voice "Normal mode". Light off.
Gaming mode	Connect with your device by Bluetooth		
Feature	Device Status	Operation	Details
Game mode	Power on	Press and hold the ANC button for 3s	Open Game mode, with Voice "Game mode". ANC LED will light white and Blue blinking alternation.
Exit game mode	Power on	Press and hold the ANC button for 3s	Open Game mode, with Voice "Exit game mode". ANC LED turn off.

### 3 Product Specifications

#### 3.1 Technical Data Sheet

Type	Feature	Description or Detail
Bluetooth	Version	5.3
	Pair name	B097
	Operated distance	Over 10m
	Transmission Range(Hz)	2400-2483.5mHz
Active noise cancelling (ANC)	ANC effect:	30-35 dB

Speaker	Diameter	$\Phi 40 \pm 0.3 \text{ mm}$
	Frequency Response	20Hz-20KHz
	Impedance	$32 \Omega \pm 15\%$
	Sensitivity/S.P.L.	$120 \pm 3 \text{ dB}$ (at 1K Hz, IEC318 test)
	Rated Power	10 mW
Battery	Type	Chargeable Li-ion Battery
	Capacity	500 mAh
	Work time	49 hours (ANC OFF)
		29 hours (ANC ON)
	Charge time	2.5 hours
	Charger current	328mA

Charge cable	Plug	TYPE-C
	Length	0.8 m

### FCC NOTICE

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

### Hearing protection

1. This phone respects the current regulations for limiting the maximum output volume. Prolonged headset listening at high volume could lead to hearing damage!
2. Stop using the product or lower the volume if you feel your ears ringing.
3. Do not turn up the volume too high, doctors warn against prolonged exposure to high volume.
4. Excessive sound pressure from headsets and headphones can cause hearing loss.
5. To prevent possible hearing damage, do not listen at high volume levels for long periods.
6. Please only use specified headphones .

