

ANC-HYBRID-YS

# INSTRUCTION MANUAL



# Earphone Parameters:

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- 1.Product Name: ANC doubly fed noise cancelling headphones
- 2.Bluetooth Specifications: Bluetooth 5.4
- 3.Main Control Chip: BLUETRUM BT8931H
- 4.Pairing Name: ANC-Hybrid-YS
- 5.Noise Reduction Type: Hybrid Active Noise Cancellation  
(Forward and backward feedback noise reduction)
- 6.Noise Reduction Depth: 32db±2
- 7.Effective Bandwidth for Noise Reduction: 20-1800HZ
- 8.Support: NTC/OCP(Overvoltage protection and overcurrent protection)/AI Large Model Algorithm ENC/Dual mode 2.4G/Bridge Mode
- 9.Support Protocol: HSP, HFP, A2DP and AVRCP
- 10.Supports Audio Formats: SBC、 AAC
- 11.Bluetooth Range: ≥10m
- 12.Play Time: 40h (70% volume)
- 13.Maximum Number of Pairs: 8 units

# Electrical Parameters:

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1. Working Frequency: 2.402-2.480GHz
2. Transmission Power: CLASS 2
3. Transmission Power: 6dBm
4. Battery Capacity: 400mAh
5. Charging Voltage: DC 4.75--5.25V
6. Charging Current: 350mA (adjustable up to 1000mA)
7. Charging Time: 1.5h
8. Working Current: 70% volume: 13mA (Bluetooth & noise reduction) 8mA (Bluetooth)  
100% volume: 18mA (Bluetooth & noise reduction) 15mA (Bluetooth)
9. Speaker Specifications: 40mm titanium film horn
10. Speaker Impedance: 32Ω
11. Frequency Response: 20-20kHz
12. Speaker Sensitivity: 115dB
13. Microphone Sensitivity: -33±2dB

# Function Description:

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1. Turn on: Press and hold the power button for 2 seconds
2. Turn off: Press and hold the shutdown button for 2 seconds
3. Enter pairing: After holding down the ON/OFF button for 2 seconds, the Bluetooth earphones will automatically enter pairing mode when turned on
4. Disconnect the connection: Simultaneously press and hold V+ and V- for 3 seconds
5. Answer/Hang up the phone: Click the ON/OFF button once
6. Reject incoming calls: Press and hold the ON/OFF button for 2 seconds
7. Music playback/pause: Short press the ON/OFF button once to play music/short press the ON/OFF button again to pause
8. Next song: Long press the V+ button on the earphones for 2 seconds
9. Previous song: Long press the V- button on the earphones for 2 seconds
10. Low power alarm: When the battery voltage drops to 3.4V, Prompt every 20 seconds "battery low"
11. Low power shutdown: When the battery voltage drops to 3.2V will automatic shutdown

# Tone/Lighting Effect

## Description:

Product State	Tone	Lighting Effect
Turn on	Power on	The blue light stays on for 1 second, then the blue and red lights alternate flashing
Turn off	Power off	The red light flashes twice
Enter pairing	pairing	Red and blue lights flash alternately
Hang up the phone	"Du"	/
Increase or decrease the volume	Maximum/minimum volume prompt "Di Di"	/
Low power alarm	Prompt every 20 seconds "battery low"	The red light lights up every 3 seconds The blue light is not on

# Tone/Lighting Effect

## Description:

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Product State	Tone	Lighting Effect
Charging indicator light	/	Red light on
Charging completed	/	The blue light stays on continuously
ANC activated	ANC ON	The green light stays on for a long time
ANC closed	ANC OFF	Green light off
Transparent opening	Transparent mode	The green light stays on for a long time
Activate Siri	Press the ON/OFF button three times	The blue light lights up every 3 seconds

# Safety Guidelines:

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1. Please follow the instructions in this manual and do not disassemble or modify the device for any reason, otherwise it may cause the headphones to malfunction or be destroyed;
2. Do not immerse the product in any liquid or water to rinse the product;
3. Do not use a charger that exceeds the rated current and voltage of the earphones to charge them, otherwise it may cause damage to the earphone battery. Please use the matching charging cable to charge the earphones;
4. Please use and store this product in a room temperature environment, and do not place the device in an environment with too low or too high a temperature (-20 ° C to +60 ° C);
5. Do not block the opening of the earphones, such as the charging port, indicator light, and microphone;
6. Please avoid excessive volume or prolonged use of headphones to prevent dizziness or damage to hearing;
7. Do not use the equipment in thunderstorm weather, as it may cause abnormal equipment operation, signal interruption, and other phenomena.

# FCC Caution:

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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.