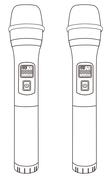
Bietrun®

Wireless UHF Microphone User Manual



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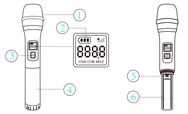
Product presentationt

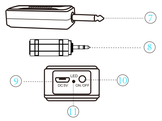
This wireless microphone adopts UHF band transmission, featuring wide transmission range, outstanding anti-interference ability, low latency and clear sound quality. It is easy to operate and boasts a long runtime. It is widely applied such occasions as teaching, conference and stage performance.

Notes

Please carefully read the manual before use and be sure to keep it for future use.

Part 1 Device Layout





1.Pickup
2.Screen Display
3.Power Button/ Multifunction Button
4.Battery Cover
5.Pairing Button / Frequency conversion switch
6.Battery Slot
7.6.3mm Output adapter
8.Signal Adapter
9.Charging port
10.Receiver Power Button

11.Receiver indicator
Indicator status：
Blue Light Slow Flash: Waiting for connection。
Blue light always bright:Microphone connect successfully
Blue Light Fast Flash: Battery Low
Red Light always bright: Charging.

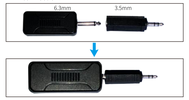
Part 2 Product Feature

1.Wireless transmission, free from cable mess
2.UHF system，excellent anti-interference ability and clear sound quality
3. Easy to operate. One key to turn on/off the micro phone and volume control.
4.The LED screen display the working statues，easy to see.
5.Wide application of teaching, recreation, meeting and more.

Part 3 Basic Operation

1.Connection with Amplifier
1.1 Insert the receiver plug into the MIC hole of the device

1.2 The plug on the receiver is 6.3mm, for some amplifier the "MIC" hole is 3.5mm, please use the additional 3.5mm adapter (include) for connection.



Notes

A. For some amplifier that do not contain a "mic" hole.please use the Line in or AUX hole for us.

B. About amplifiers: In general, amplifiers are including but not limited to power amplifiers, small speakers, portable speakers and DVDS. The product is not to blame for a rare case when an amplifying device is devoid of a mic, a line in or an AUX jack.

2.Turn on/off the device

2.1 Turn on/off the receiver: Press the power button of the receiver, the blue light on the receiver will flash, waiting for connection. Press again the power button, the blue light will go out.

Charge the receiver: When the blue light of the receiver flashes, it indicates low battery power, you need to charge it, the charge port of the device is a standard Micro USB port. To charge the device, please use the included charge cable to connect it with computers, mobile power bank or power adapter, the red light will always light up when charging, when fully charged, the red light will go out.

2.2 Turn on/off the microphone: Insert two AA batteries, press the power button of the microphone and do not release until the screen light up and show "UHF", connect the microphone and the receiver, the blue light will stop flashing when successfully connected, and stay light up.

Notes

We recommend you to use AA Alkaline battery for longer use. When the icon in the display screen change to and flash, you need to change batteries.

3.Turn on the amplifier and activate the signal mode, adjust the amplifier volume to a proper level, now the microphone begin to work.

Notes

As amplifier vary in output and current parameter, users are supposed to adjust the the volume of both the the wireless microphone and the amplifier as well as the distance, or the amplifier will emit a high-pitched whine.

4.Volume control: Short press the button after the microphone turn on to adjust the volume, you can adjust the 5 volume levels in turn from 08 to 12. A "Di" volume indicator appears when a volume button is pressed. And you will hear a consecutive "Di-Di-Di-Di" sound when the volume meets its maximum.

Notes

The microphone is on 8th volume grade each time when you turn it on by default.

Part 4 Advanced Operation

The following are operations you might need to know for frequency interference solutions or misoperations

1.Pairing:

1.1 Pairing refers to connection operation between microphone and the designed receiver. Ensure the microphone and the receiver are of sufficient power, and the microphone in a turned on mode, the receiver in a turned off mode.

1.2 Remove the battery cover of the microphone, press and hold pairing button until the the display flashes quickly which means the it is waiting to be pairedTurn on the receiver and the blue light of the receiver flickers meaning it is waiting to be connected. The microphone and the receiver will automatically be paired, and the indicator light will stay on when successfully paired. If the receiver light remains flickering, you have to follow the above steps again until the two get paired.

Notes

A Please turn on the microphone and make sure it enters pairing mode before turn on the receiver.

B Pairing time: The microphone is supposed to be paired within ten seconds, after ten seconds, the microphone will exit pairing mode, you have to long press the pairing button until the LED screen flashes.

C When there are multiple sets of products on the same place that need to be paired, only one set can be turned on at the same time. After pairing is successful, other sets can start to pair

2.Channel Switch: Signal interference may occur in some environments, and it is necessary to switch channels to avoid interference. Short press the pairing button on the microphone, the frequency number on the display will switch once and the receiver will switch synchronously.

Notes

A. A successful pairing is required before channel switching.

B. Sequence of channel frequency change of several set of device is as follows: for the first set, long press the button once, the second press twice, the third press three times, and so on, all together 9devices are supported. Every press, the number on the display, 8888 will change. The frequency number of every device can not be repeated, or you need to press the pairing button again to avoid the same frequency.

Part 5 Breakdown Elimination

Number	Fault phenome	Method of exclusion
1	Inconsistent sound	1.Narrow the distance between microphone and the receiver; 2.Adjust the receiver to the visible range as much as possible; 3.Switch channels (refer to advanced operations.
2	The blue light of the receiver flashes	1.Disconnect to see whether the microphone has been turned on or not. Pairing operation required if necessary (refer to advanced operation); 2.Narrow the distance with the microphone.
3	No Sound	1.Check if the microphone and the receiver pairing successfully, if the blue light on the receiver flashes, need to pairing again; 2.Whether the receiver is properly connected to the amplifier; 3.Check the amplifier is turned on or not.
4	The sound of the amplifier is too small	1.Volume up the amplifier； 2.Volume up the microphone； 3.Adjust the distance and direction of the microphone from your mouth.
5	The blue light of the receiver flashes fast	The battery is low, need to charge.
6	Device fail to turn on	Change batteries

Part 6 Product Parameters

Transmission frequency		U Band
Audio Signal		Digital Sampling 48Khz
Frequency Response		50Hz-16Khz
Usage Time		About 6 hours
Wireless Range		50m (in classroom)
Microphone Type		Dynamic microphone
Way of Pairing		Paired by factory default
Power Supply	Receiver	Polymer Lithium battery
	Microphone	AA Battery

Part 7 Package Contents

2X Microphone（CHA、CHB）
1X Receiver
2X Microphone jacket
1X3.5mm adapter
1X USB Cord
1X User Manual

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.

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.

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