

**UHF Professional 8-Channels Rechargeable Wireless Microphone System**

**User manual**



**If you have any questions, please feel free to contact us.  
E-mail: [amazon@bietrun.com](mailto:amazon@bietrun.com)**

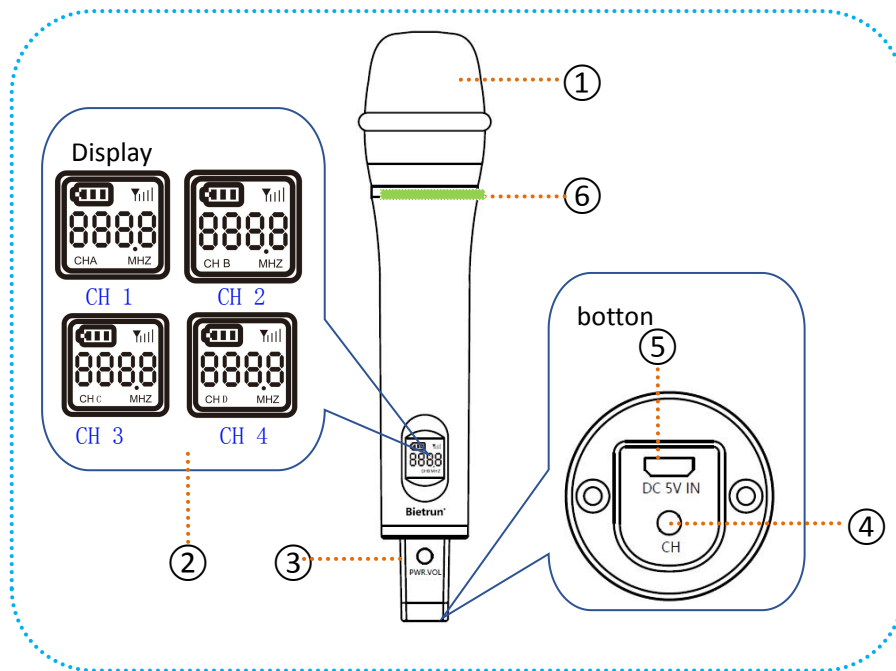
## 1. Product introduction

This UHF Professional 8-Channels Rechargeable Wireless Microphone System uses UHF frequency band transmission, which has the characteristics of long transmission distance, strong anti-interference ability, low delay, and clear sound quality. It is easy to use and operate.

Note: Please read and follow all warnings carefully before use, and keep this manual for subsequent use.

## 2. Product description

### Microphones

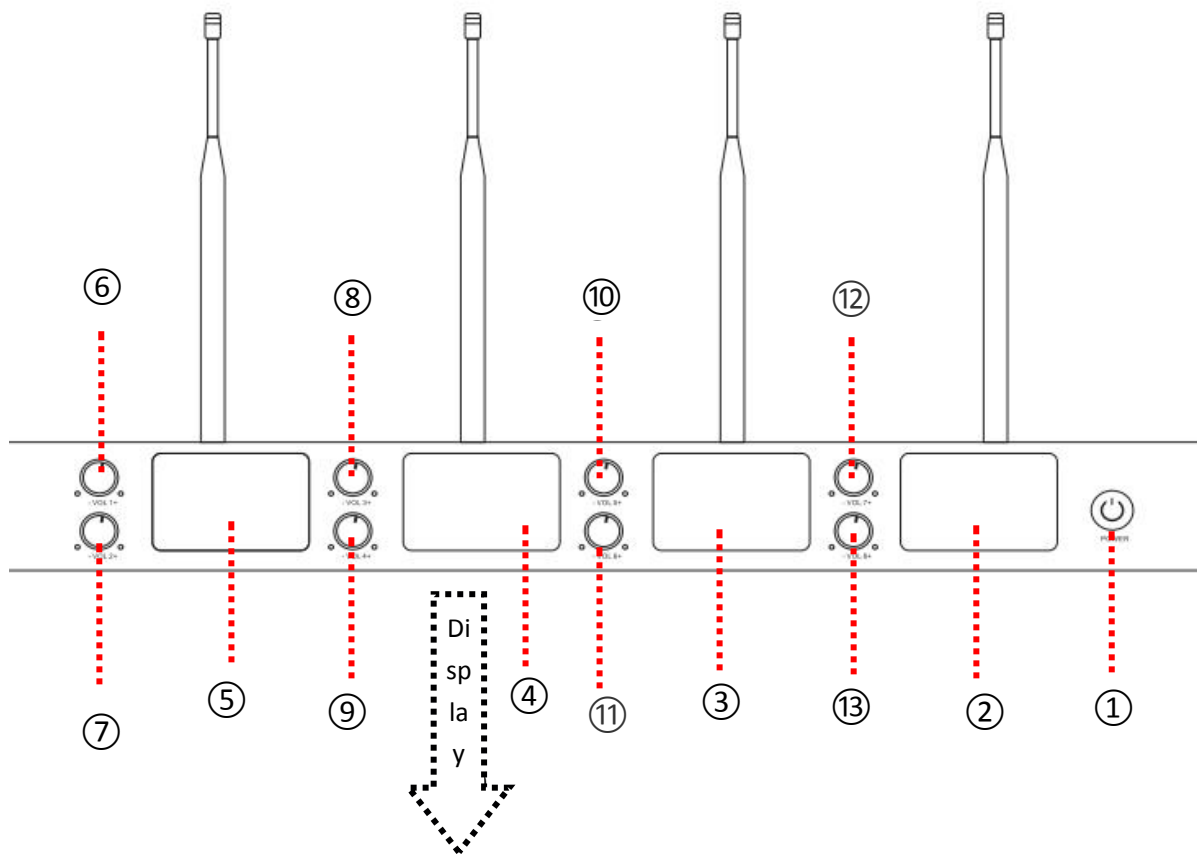


No.	Part Name	Function Description	Notes
①	Microphone	Pickup voice	
②	Display	(1)Information about microphone: power, signal, channel, volume, microphone 1-8; (2)Only battery level will be displayed after 5 seconds of no operation on the microphone.	
③	Power	(1)Power on/off: short press to turn on, press 2S to turn off; (2)Volume: Short press to adjust the volume in turn. 1-5 levels, level 1 is the smallest, level 5 is the largest.	

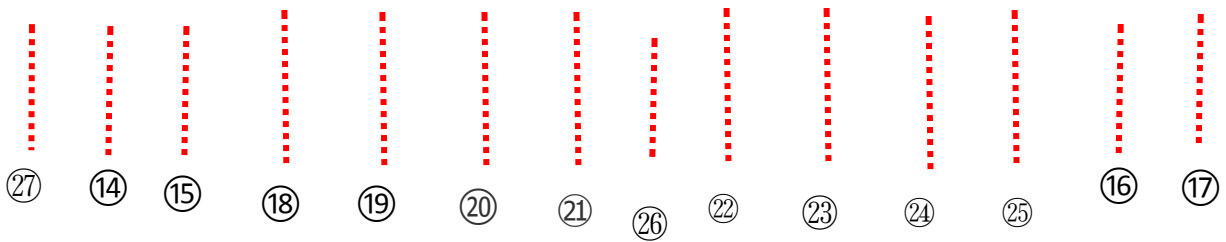
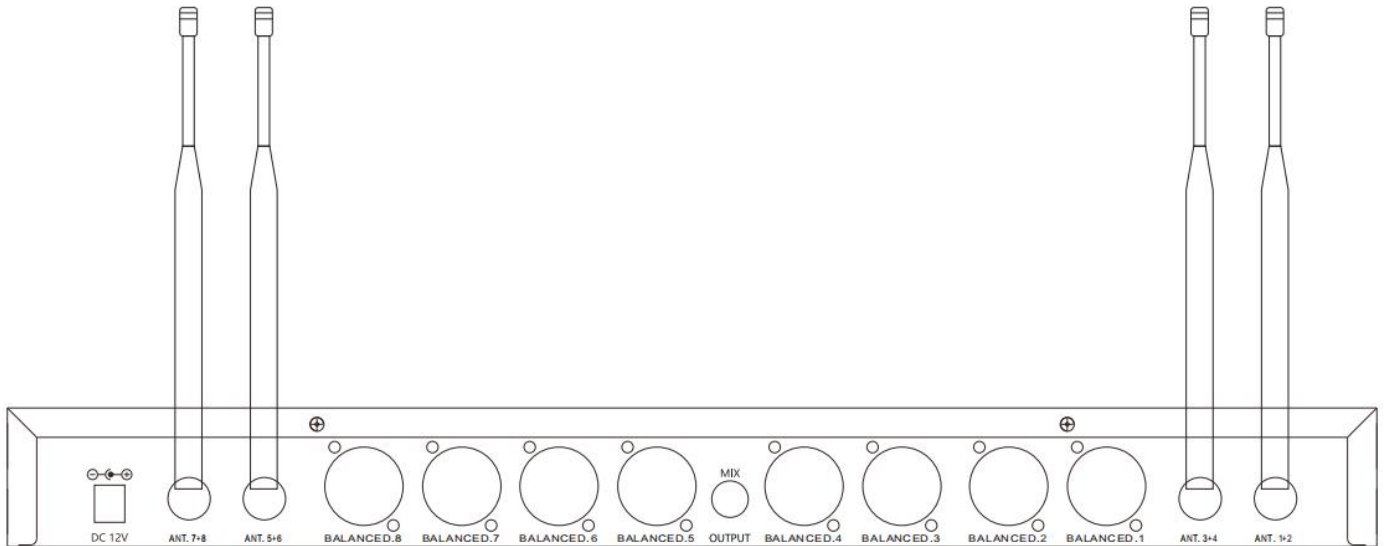
④	Channel	Press this button to adjust the channel.	Press this button to switch channels when the connection is unstable.
⑤	Charging port	External DC 5V power supply charges the product.	(1)Charge it once before your first use; (2)Charge it with low power.
⑥	Indicator light	(1)Green: microphone is on; (2)Red flash: low power; (3)Red: charging; Red light is off when fully charged.	

## Receiver

### Front



Back



No.	Part Name	Function Description	Notes
①	Power	Short press to turn on, long press to turn off	
② ③ ④ ⑤	Channel Display	Display connection information of Microphone 1-8	When the mic is not turned on, the "--" on the display of the channel flashes in sequence.
⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬	volume	Adjust volume of mic 1-8: Turn left to decrease the volume, turn right to increase the volume.	
⑭ ⑮ ⑯ ⑰	Antenna	Receive wireless signals from microphone 1、 2、 3、 4、 5、 6、 7、 8.	(1) Please tighten the nut to the right of the antenna before turning it on for the first time (2) When connection is unstable and sound is intermittent, you can adjust the antenna direction to improve it.

⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕	Microphone Output	XLR output port of mic 1-8	This port only outputs the audio signal of its own microphone
㉖	6.35mm audio output	6.35mm audio output interface	The audio is a mixture of microphone 1-8
㉗	Charging port	Input voltage is DC 12V	Please use the adapter provided with the product

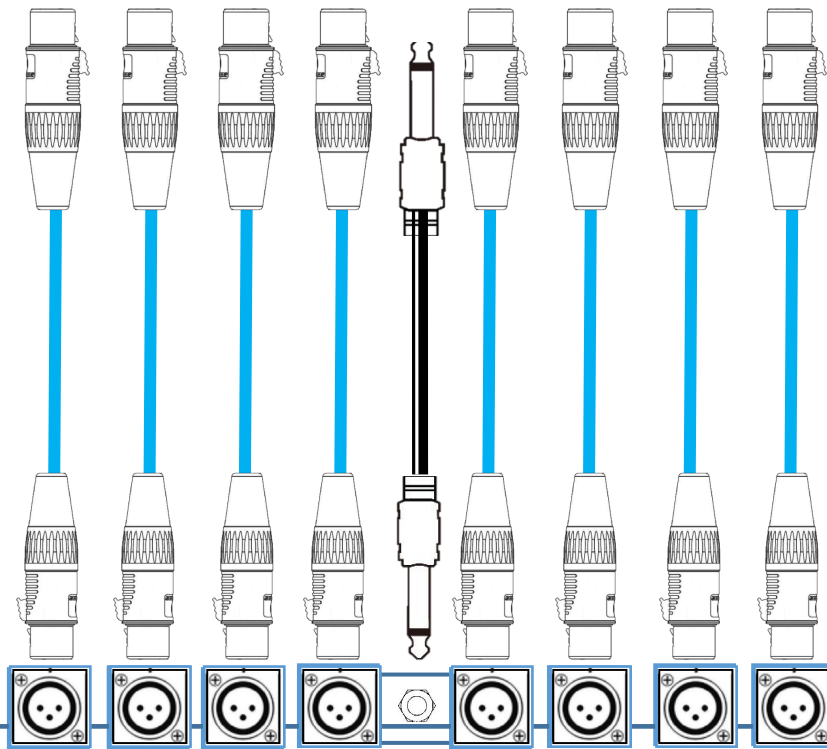
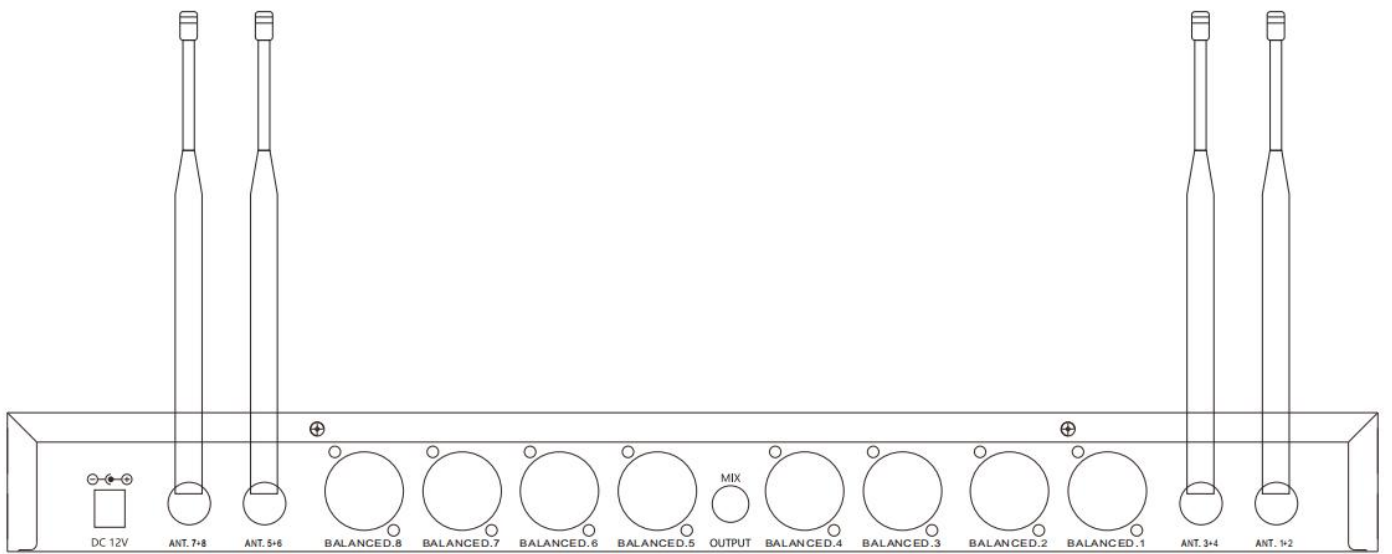
### 3. Connection

#### 3.1 Input Connection

When the microphones and receiver are turned on, They will be automatically paired.

#### 3.2 Output Connection

Audio amplifier devices with XLR interface, 6.35mm audio input interfaces can be connected to this product, including mixers, multimedia speakers, Bluetooth speakers, power amplifiers, and lever speakers.



Mixing console



Multimedia



Bluetooth Speaker



PA

**Note:**

**XLR audio output and 6.35mm output can not be connected to the same devices, otherwise the sound may not be played normally.**

**4. FAQ**

No.	Problems	Solutions
1	Receiver can't be turned on	(1)Check whether the power is turned on, (2)Check whether the adapter and cable are connected with the receiver correctly and firmly.
2	Microphones can't be turned on	(1)Charge first and check whether the mic charging indicator is on; (2)Short press the power button to turn on.
3	No sound	(1)Check whether the volume of the microphone, amplifier and Bluetooth devices have been turned on; (2)Check whether the microphone is successfully connected to the receiver, the display will be on if the connection is successful; (3)Turn up the volume of the receiver; (4)Check whether the XLR interface and 6.35 interface are connected correctly; (5)The amplifying device may need to set the input mode, please refer to the manual of the amplifying device for setting;
4	Small sound	(1) Adjust the VOL button on the microphone to increase the volume, 1 is the minimum , 5 is the maximum; (2)Turn the knob to the right to increase the microphone volume on the receiver; (3)Turn up the volume of the amplifier.
5	Intermittent sound	(1)Shorten the distance between the microphone and the receiver(within 30M, No obstacle) (2)Switch channel
6	Howling or screaming	(1)Reduce the volume of amplifier or microphones; (2)Don't place the microphones too close to the speaker.

**5. Parameter**

**Receiver**

Receiving frequency: U Band

Sensitivity: 2mV

Image interference ratio: >88dB

Audio output: 800mV-1.4V

Receive channel: 4

Power consumption: 3W

Frequency stability: <0.005%

Interference frequency ratio > 90dB

Signal to noise ratio: >95dB

Working range: Standard conditions 30 to 50 m

Supply Voltage: DC 12V

Antenna: universal antenna

### **Handheld Transmitter**

Carrier frequency: U Band

Transmit power: 10mW

Harmonic: <Main wave 40dB

Pickup: 600  $\Omega$  single directivity

Antenna: built-in

Frequency stability: <0.005%

Current consumption: <25mA

Standard: Fixed frequency

Battery: lithium battery

Supply Voltage: DC 5V

### **Complex Index**

Dynamic Range: >95dB

System distortion(<1%, 1K Hertz modulation

Frequency response: 50Hz-18KHz(+3dB)

## **6. Packing List**

8X Microphone (1、 2、 3、 4、 5、 6、 7、 8)

1X Receiver

4X Microphone Antenna

1X 6.35mm to 6.35mm cable

2X Charging cable

1X Adapter

1X Manual



#### FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

#### RF Exposure Information

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