



Bietrun WXM36 Wireless Microphone System User Manual

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BIETRUN

Bietrun WXM36 Wireless Microphone System



Product Information:

The frequency refers to the number of occurrences of a repeating event per unit of time. In the context of this product, it refers to the rate at which a specific action or operation is performed.

Product Usage Instructions:

1. Determine the desired frequency for the product operation.
2. Refer to the product settings or controls to adjust the frequency.
3. Ensure that the product is powered on and connected to any necessary power sources.
4. Follow any additional instructions provided in the user manual or accompanying documentation for specific usage scenarios.
5. Test the product operation at the selected frequency to ensure it meets your requirements.
6. Adjust the frequency as needed for optimal performance.
7. Take note of any limitations or recommendations regarding the frequency specified in the user manual or product documentation.
8. When finished using the product, power it off and disconnect it from any power sources. Please note that specific instructions may vary depending on the product model and manufacturer. Always refer to the user manual provided with your product for accurate and detailed usage instructions.

Feel free to contact us for any questions or concerns.

Email: Amazon@bietrunk.com

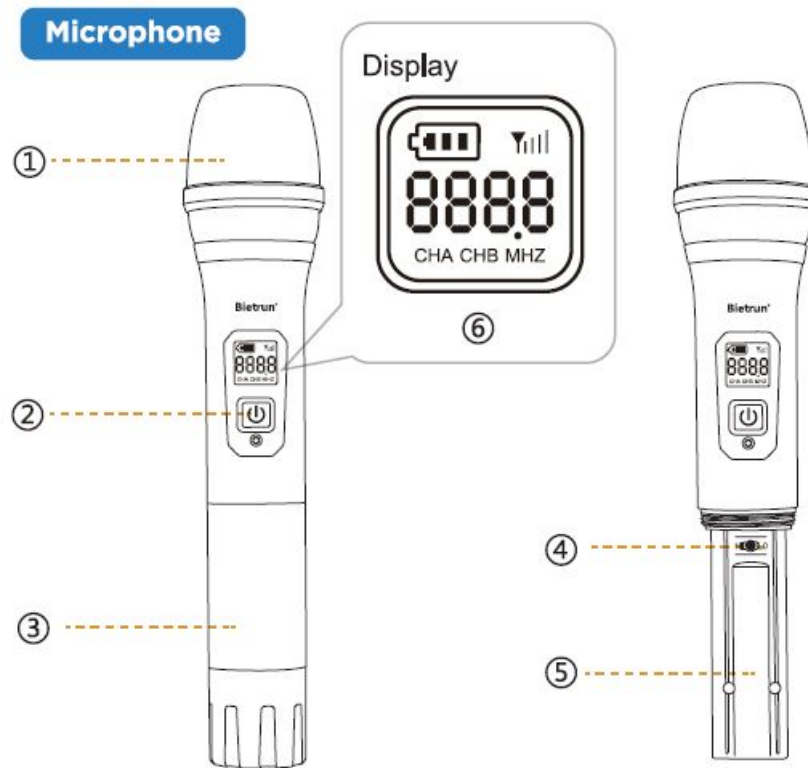
Product Introduction



This wireless product adopts UHF frequency band transmission, which has the characteristics of long

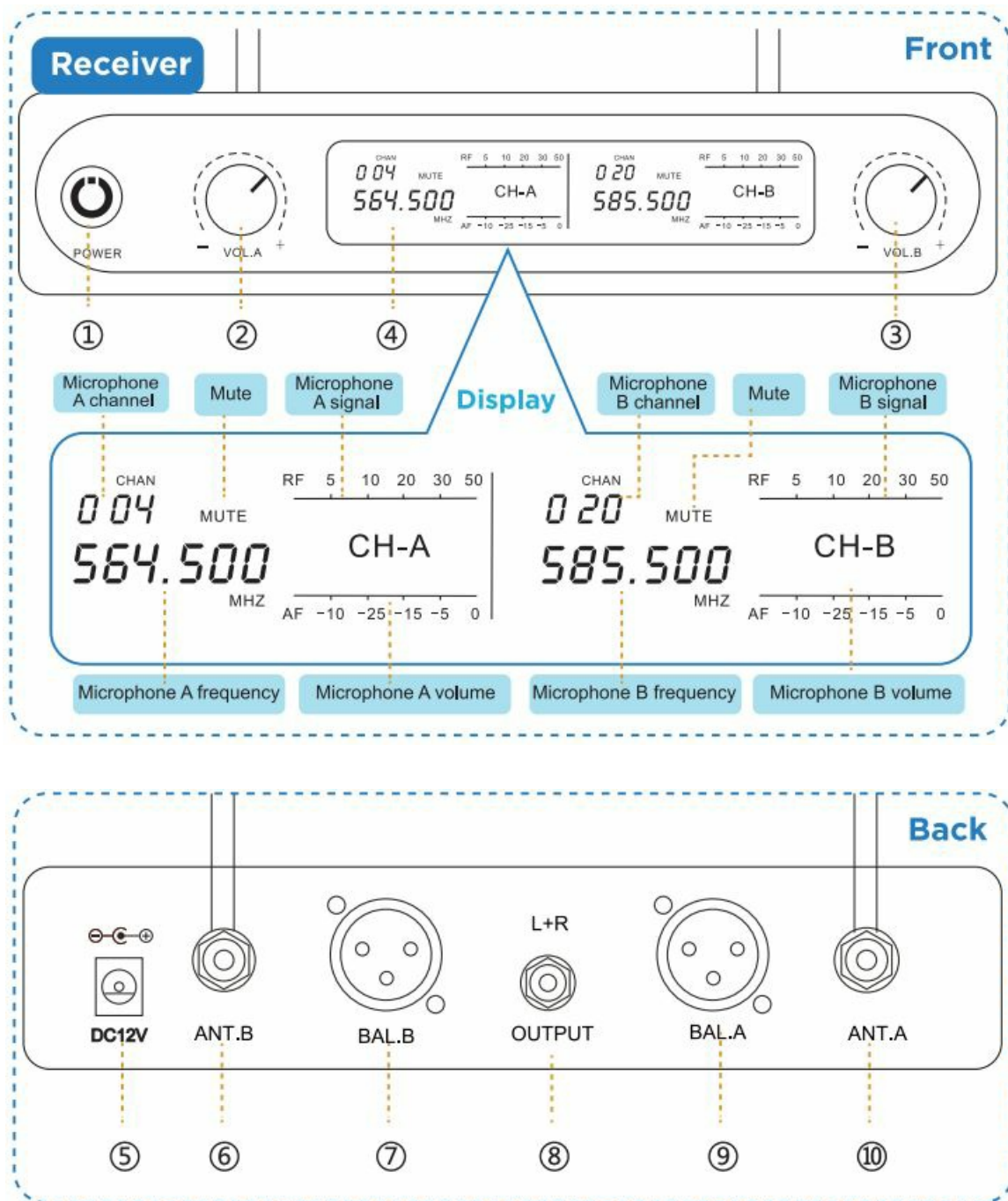
transmission distance, strong anti-interference ability, low delay and crystal-clear sound. The visible working status makes operation easy.

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

Product Description



No.	Part Name	Function Description	Notes
①	Mic	Pick up the signal sound.	Don't take apart casually, ware of fall down.
②	Power button	(1) Power on/off: Press and hold for 2 seconds to turn on/off. (2) Adjust volume: Short press to adjust volume; there are 5 levels (level 8-12) in the display.	
③	Battery cover	Remove the battery cover counterclockwise and tighten the battery cover clockwise.	
④	Frequency switch	(1) To avoid interference from other devices or environment, the microphone frequency (15 channels in total) can be changed by pressing this button. (2) After the channel is adjusted, the frequency on the display screen will increase by 1, and the frequency on the receiver will increase synchronously.	In normal case, there is no need to adjust the channel.
⑤	Battery slot	Install two AA 1.5V batteries of the same brand correctly according to the polarity mark.	(1)Don't use old and new battery at the same time. (2)AA alkaline battery is recommended. (3)Rechargeable battery is not recommended (low voltage of 1.2V affects the working time).
⑥	Screen	(1) The working status of microphone, including power, signal, frequency and channel. (2) If there is no key operation, it will enter power-saving mode and display power information only. Press any key to reactivate the display screen.	Need to change battery when  turns to  and flash.



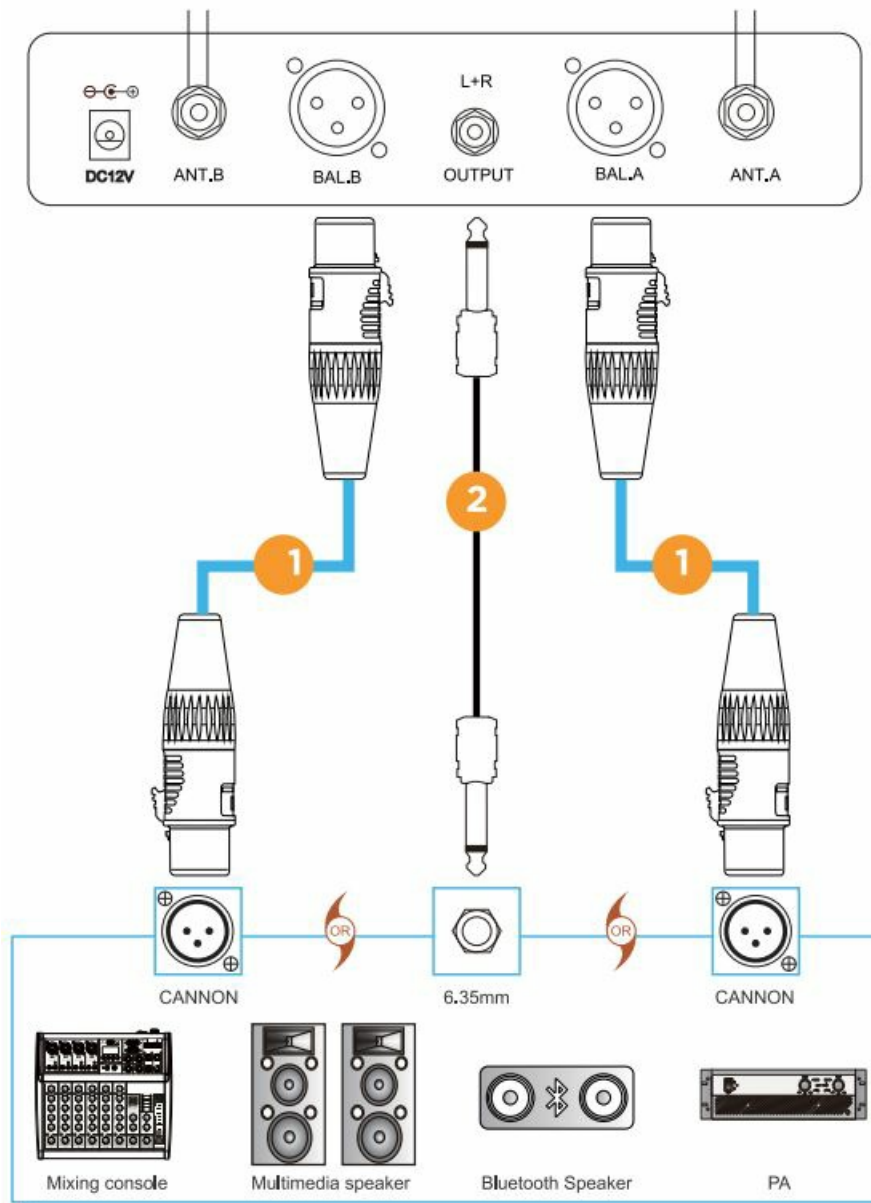
No.	Part Name	Function Description	Notes
①	Power button	Short press to power on, long press to power off	
②	Microphone A volume adjustment	Turn left to turn down the volume, turn right to turn up the volume	
③	Microphone B volume adjustment		

④	LCD display	RF	Wireless signal strength	
		AF	Audio signal dynamic strength	
		CHAN	Channel number	
		MUTE	Mute sign	
		FREQUENCY	Connection frequency	
⑤	Power input	Input voltage: DC12V		Please use the adapter that comes with the product
⑥ ⑩	Receiving antenna	Receive wireless signals from microphones A and B.		(1) Please install the antenna before turning it on for the first time, and the antenna should be screwed in to the right and locked. (2) When the connection signal is unstable and the sound is intermittent, you can adjust the antenna direction to improve it.
⑦	Microphone B output	Audio output for microphone B, can be connected to lower-level equipment.		Output the audio signal of microphone B only.
⑧	6.35 audio output	6.35 audio output, can be connected to the 6.35 input of the lower-level equipment.		The mixture of the microphone A&B and the left and right channels.
⑨	Microphone A output	Audio output for microphone A, can be connected to lower-level equipment.		Output the audio signal of microphone A only.

How to Connect

Output connection

Audio amplification equipment with CANNON interface or 6.35 audio input interface can be connected to this product, including mixer, multimedia speaker, Bluetooth speaker, power amplifier, trolley speaker, etc.



Note:

The signal (1)(2) can be connected to different amplifying equipment respectively, but it cannot be connected to the same one, otherwise the sound may not be played normally.

Trouble Shooting

No.	Description	How to fix
1	The receiver cannot be turned on	(1) Check whether the power adapter, wires and host are connected correctly and firmly, and whether the power is turned on. (2) Short press the power button of the receiver to turn it on.
2	The microphone cannot be turned on	(1) Check whether the battery power of the microphone is sufficient, and replace with new 2 AA batteries. (2) Press and hold the power switch for 2 seconds to turn it on. Note short press can not turn it on.
3	No sound	(1) Check whether the volume control of the microphone and lower-level equipment is turned on. (2) Check whether the connection between the microphone and the receiver is successful (the information of the microphone will be displayed on the display of the receiver if the connection is successful). (3) Turn up the volume of the receiver. (4) Check whether the connection of CANNON interface or 6.35 interface is correct. (5) The sound amplifier next to the receiver may need to set the signal input mode, please refer to the instruction manual of the sound amplifier for setting.
4	Low sound	(1) Adjust the microphone VOL button to increase the volume: 8 is the minimum volume, 12 is the maximum volume. (2) Turn up the volume of the microphone on the receiver, and turn the knob to the right to turn up the volume. (3) Increase the volume of the output device
5	Intermittent sound	(1) Shorten the distance between the microphone and the receiver, the visual distance should not exceed 50M; the transmission distance will be shortened when there are obstacles in the middle; (2) Check whether the antenna is assembled properly, and adjust the angle of the antenna to point to the position of the microphone. (3) Switch channels;
6	Whistling, screaming	(1) Decrease the volume of the voice amplifier or microphone; (2) The microphone should not be too close to the voice amplifier.

Specifications

Receiver			
Receiving frequency	U Band	Frequency stability	<0.002%
Sensitivity	2mV	Interference frequency ratio	> 90dB
Image interference ratio	>88dB	Signal to noise ratio	>95dB
Audio output	800mV-1.4V	Working range	Standard conditions 30 to 50 m
Receive channel	2	Supply Voltage	DC 12V
Power consumption	3W	Antenna	Universal antenna

Handheld Microphones			
Carrier frequency	U Band	Frequency stability	<0.002%
Transmission power	10mW	Current consumption	<25mA
Harmonic	<Main wave 40dB	Standard	Fixed frequency
Pickup	600Ω single directivity	Battery	AA Alkaline battery
Antenna	Built-in		

Complex Index			
Dynamic range	>95dB	System distortion	<1%, 1K Hertz modulation
Frequency response	50Hz-18KHz(+3dB)		

Packaging Content

- 2X Microphone (A. B)
- 1X Receiver
- 2X Receiving antenna
- 1X 6.35 to 6.35 signal cable
- 2X XLR Audio signal cable
- 1X Power adapter
- 1X User manual

Frequency

MIC A: CH1: 560.5KHz、CH2: 561.5KHz、CH3: 562.5KHz、
CH4: 563.5KHz、CH5: 564.5KHz、CH6: 565.5KHz、CH7:
566.5KHz、CH8: 567.5KHz、CH9: 568.5KHz、CH10:
569.5KHz、CH11: 570.5KHz、CH12: 571.5KHz、CH13:
572.5KHz、CH14: 573.5KHz、CH15: 574.5KHz

MIC B: CH1: 580.5MHz、CH2: 581.5MHz、CH3: 582.5MHz、
CH4: 583.5MHz、CH5: 584.5MHz、CH6: 585.5MHz、CH7:
586.5MHz、CH8: 587.5MHz、CH9: 588.5MHz、CH10:
589.5MHz、CH11: 590.5MHz、CH12: 591.5MHz、CH13:
592.5MHz、CH14: 593.5MHz、CH15: 594.5MHz

Manufacturer:

SHENZHEN LONGXIANG INTELLIGENT TECHNOLOGY CO, LTD.

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COMMUNITY XIXIANG STREET, BAOAN DISTRICT SHENZHEN GUANGDONG CHINA

FCC Warning Statement

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

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.

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

Documents / Resources



[Bietrun WXM36 Wireless Microphone System](#) [pdf] User Manual

WMX36, 2A9J3-WMX36, 2A9J3WMX36, WXM36 Wireless Microphone System, Wireless Microphone System, Microphone System