

User Manual

Professional wireless microphone system

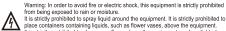


Safety information

- 1. Read this user manual carefully
- 2. Keen this user manual properly
- Pay attention to all warnings.
- 4. Observe all operating specifications.
- It is strictly prohibited to use this equipment near water.
- 6. Clean the equipment with dry cloth.
- It is forbidden to block the heat sink. Install the equipment according to the manufacturer's
- 8. It is forbidden to install this equipment near heat sources such as radiators, heat regulators, hot stoves or other heating equipment (including power amplifiers).
- It is strictly prohibited to violate the safe use specification of polar plug or grounding plug. The
 polar plug is composed of two metal sheets with different widths. The grounding plug, on the other hand, consists of a two-pole insert and a grounding insert with a safety protection function. If the provided plug is not compatible with the power outlet, please replace the power outlet. For replacement of the power outlet, please consult an electrical engineer.

 10. Protect the power cord from trampling or rolling. Pay special attention to protecting the cable
- at plug end, socket end and equipment end.
- 11. Must use manufacturer-specified accessories and fittings.
- 12. Please unplug the power plug in thunderstorm weather or when the equipment is idle for a
- 13. If maintenance and overhaul is required, please consult a relevant qualified maintenance personnel. The equipment must be overhauled in the following cases: The cable or plug is damaged, liquid penetrates, foreign matter falls, gets wet in the rain,
- cannot operate normally, or the equipment falls.

 14. The equipment power coupler is used to completely cut off the connection between the equipment and the mains. Place the coupler in a position that is easy to operate.
- 15. The mains power supply terminal connected to the equipment must be properly grounded. 16. Without the explicit approval of the responsible party of the equipment, the equipment shall not
- be changed or modified, or the user's use authority may be invalidated.



from being exposed to rain or moisture. It is strictly prohibited to spray liquid around the equipment. It is strictly prohibited to place containers containing liquids, such as flower vases, above the equipment It is strictly prohibited to place open flame above the equipment, such as lighted



This logo is applicable to electrical and electronic products sold in the People's Republic of China. The number in the center of the identification is the number of years of environmental protection service life.



Warning: To avoid electric shock hazard, it is strictly prohibited to open the equipment cabinet. There are no user serviceable components inside the equipment. I maintenance and overhaul are required, please consult relevant qualified

FCC Warnings

device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not be harmful interference, and (2) this device must accept any interference received including interference that

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

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 News. These inmits are designed to provide reasonable protection against harmful interference in a recedential installation.

FCC News. These inmits are designed to provide reasonable protection against harmful interference in a recedential installation. The results of the res

obtermined by tarring use experience or an account of the control of the control

User notice

We strongly recommend that you contact the relevant radio regulatory authorities for license grant before selecting and ordering frequencies. This wireless equipment generates, uses and may transmit radio frequency energy. If the equipment is not installed and used according to the requirements, it may cause harmful interference to radio communication. However, there is no guarantee that this wireless device will not produce interference under specific installation conditions. If the wireless device does cause harmful interference to radio or TV reception, you can turn off the wireless device and then turn it on to determine the interference. It is recommended that the user eliminate the interference by one or more of the following methods.

• Adjust the direction or position of the receiving antenna.

- Increase the distance between the device and the receiver
- . Connect the device to a different electrical outlet than the receiver
- Ask the dealer or an experienced radio/television engineer for help.

i Product Introduction

Thank you for purchasing our wireless microphone system!

The wireless microphone system is suitable for sound reinforcement applications in a variety of THE WITHERS INTERPRINE SYSTEM IS SUIRABLE TO SOUND TEMFORCEMENT APPLICATIONS IN a Variety of entertainment places, as well as various professional sound reinforcement applications, such as mobile performances, auditorium sound reinforcement, speeches, conferences, education and training, religious places, government meetings and multi-function halls.

- Multi-channel selection (2/4/8 channels)
- · Automatic frequency scanning
- · Infrared frequency comparison
- · Digital transmission

· Strong anti-interference

- Intelligent adaptation
- Each package provides a receiver and a matching number of transmitters

(It depends on the package purchased by the user; receiver; 2/4/8 channels; transmitter type; conference

Special note: please contact our professional technical engineer for installation and use of the same cabinet, and use under the guidance of the technical engineer, so as not to affect the use effect.

_-0an

W4U-H

Handheld microphone (transmitter)

① Pickup: used to pick up voice or instrument original sound.

(1) Do not cover this area during use

2 LCD display: display the status information of handheld microphone, power, frequency/channel, mute status, etc

3 Power switch: Press and hold the switch to turn on or off

handle to install or replace the battery or perform infrared frequency matching operation.

(5) Antenna: used to transmit RF signals

W4U-B

Bodypack microphone (transmitter)

(1) Do not cover this area during use!

power, frequency/channel, mute status, etc

③ IR frequency matching window: used to perform out infrared frequency matching operation with the matched receiver, and synchronize the working data information.

(4) Power switch: Press and hold the switch to turn on or off the bodypack

audio cable with a mini three-pin XLR female.

(6) Key function area: Users can set various parameters of bodypack transmitter, such as operating frequency, volume, RF power inten by pressing the up and down selection keys and setting SET key.

(7) Battery: onen the hattery cover to install or replace the hattery



one WALLBH

Transmitter introduction



W4U-D

Conference desktop microphone (transmitter)

① Do not cover this area during use!

Work indicator light: red work indicator light, which is convenient for the conference staff to observe

(5) Microphone pole: high-end oval cavity microphone pole, with exquisite structural design and exquisite surface treatment, fully embodies the exquisite technology of modern industry

(6) IR infrared frequency matching window: used to perform infrared frequency matching operation with the matched receiver, and synchronize the working data information.

Type-C charging port: supports maximum 5V 2A charging.

Front panel



1. Power switch

Note: The button is equipped with a green indicator light, which will be on for a long time after starting. 10. RF signal (A+B)

3. High definition TFT display

The key's equipped with a green indicator light, which is permanently on when the machine is turned on.

**Select key is acquipped with a green indicator light, which is permanently on when the machine is turned on.

Select key.

nine is turned on.

8. MENU key ess the MENII key once to enter the current channel.

Briefly press the MENU key once to enter the current channel function menu, briefly press the submenu again to switch circularly, and long to the submenu again to switch circularly, and long to the submenu again to switch circularly, and long to the submenu again to switch circularly. press to return to the main interface. The key has a green indicator light, 9. AF audio signal

Power on - the green indicator is always on, power off - no light indication 2. Channel function keys

 Channel function keys
 A key is used to select the parameter upwards in the menu interface.
 Y key is used to select the parameter downwards in the menu interface.

 SET key, the main interface status, short press SET key once to start the frequency matching function, long press SET key to start or close the lock; In menu status, it is used as the confirmation key.

MENU key, pshort press the MENU key once to enfor the current channel function menu, press the key repeatedly for secondary menu cycle switching, and long press the key to return to the main interface.

Real time display of current channel parameters, settings and status. 4. Infrared (IR) data synchronization window The recolver sends the setting date of the corresponding channel to the corresponding transmitter through the infrared signal to achieve the synchronization and consistency of the receiver and transmitter data. 4. Collact Varia

It is used to select the parameter function from the menu interface. The 12. Frequency display key is equipped with a green indicator light, which is permanently lit when

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In the main interface state, briefly press SET any croce to start the
flexacersy maturing function, and only press SET key to start or done the
flexacersy maturing function, and only press SET key to start or done the
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foci. In the manusation is used any to entering the year of the flexacers of the current channel volume output, and the
flexacers of the flexacers of

Under normal interference free communication between transmitter and receiver, when real-time audio signal is transmitted from transmitter, AF audio signal will jump with audio level value.

Rear panel illustration



When multiple receivers are stacked for use, the mixing output interfaces of all receivers can be used as a cascade mixing output, and only one

4 Independent audio output balanced XI R (one per channel)

eceiver, the RF signal is full. It has dual receiving signal display function, and AF audio signals of A and B are automatically selected. The RF signa without communication has signal litter, which represents the interfe the same frequency or adjacent frequency, and the used frequency needs to be changed. If the RF signal of communication is unqualified, it indicates

peiver channel sequence number: It is an grange

that the RF antenna is not installed correctly or the signal is shielded. It is heck the antenna or solve the shielding

Display the current receiver of number when there is no commi

13. Frequency group display

rumant channal operation manu is locked 16. Real time monitoring power display

have a unit dispays to be distincted power senses used to the culture channel, and every 25% of the power is one ber of dynamic monit orin 17. When the level of the transmitter is overloaded, the receiver will detect and display the "PEAK" symbol at the top of the AF audio signal bar.



Power input connector
 Power supply requirements: 12V DC, maximum ourrent 2A. Connect the supplied power adapter.
 Mix output connector (6.3.5mm TS unbalanced)
 Uses the enclosed 0.35mm audio cable to connect to the next level of audio equipment
 3. Casacide mixer objust connector (6.35mm TS unbalanced)

Audio cutput to the back stage of audio equipment or line cutput 5. RS485 central control connector 3. Insides desirate control control

Do not cover this area during use!

















Transmitter introduction

4 Handle/battery: hold this area when using. Unscrew the

① Antenna: used to transmit RF signals

2 LCD display: display status information of bodypack transmitter,

(5) Mini XLR connector: It can connect a headset/lavalier microphone or





Note: All data are obtained by our science and technology laboratory. If there is any error, the actual product is the basis'

No matter in terms of language, speech, meeting, host or live performance, it can be used in any situation, place and time to get rid of complex on-site layout needs and provide the most reliable links, and present the most authentic sound restoration at every moment.

The main applications for business conmunication: conferences, primary and secondary education,

Real time noise suppression; real-time elimination of background noise, so that users can fully focus on the

Read time noise suppression: real-lime elimination of background noise, so that users can fully focus on the voice in the call.

Autoriatic frequency concrination: the system autoriated by cares the available spectrum and selects clear interference avoidance; the system can detect and avoid unexpected interference, and channel adjustment can prevent interference by a substantial statement of the control of the system of the control of th

convenient and fast
Multiple audio interface outputs: each channel has an independent blanch audio output XLR (male), a
Mustic audio 115(6.35mm 2-core), and a cascade output 15 (6.35mm 2-core).
Audio cascade. When multiple nochives are used in stacked, all receivers can achieve unified audio
management through the cascade audio interface.

1. Number of receiver channels; 2, 4 and 8 channels 23. Display mode; 1,77 inch TFT color full view

1. Number of receiver channels: 2, 4 and 8 channels are optional 2. Cabinet specification: EIA standard, 1 U (2 and 4 channels). 2 (3) Channels). 2 (3) Channels). 2 (4) Channels). 2 (4) Channels). 2 (4) Channels). 2 (5) Channels celection, RFAF signal strength; requercy correstion mode: Superinterodyne secondary frequency conversion mode: PLL phase locking requercy synthes. 2042-20KHz (± 1dB) (depending on the pickup). 2 (5) Control mode: automatic frequency coordination, requercy systems. 2 (5) Control mode: automatic frequency coordination, requency pairing, power section of the pickup. 2 (6) Control mode: automatic frequency coordination, requency pairing, power section of the pickup. 2 (6) Control mode: automatic frequency coordination, requency pairing, power section of the pickup. 2 (6) Control mode: automatic frequency coordination, requency pairing, power section of the pickup. 2 (6) Control mode: automatic frequency coordination, requency pairing, power section of the pickup. 2 (6) Control mode: automatic frequency coordination, requency pairing, power section. 3 (6) Control mode: automatic frequency coordination, requency pairing, power section. 3 (6) Control mode: automatic frequency coordination, requency pairing, power section. 3 (6) Control mode: automatic frequency coordination. 3 (6) Control mode: automatic

switch

5. Control interface: RS485 code control

7. Audio output interface: unbalanced TS 6.35mm
hybrid connector × 1
Independent balanced XLR audio connector × 2

(2 Channels) Independent balanced XLR audio connector × 4

(4 Channels) Independent balanced XLR audio connector × 8

29 Folyett 2-drainte trut, 4-drainte trut,
29 Folyett 2-drainte trut,
30 Working Imperature: 10 C - 60 C
31 Working distance: about 80m (working distance depends on many environmental factors, and truth and sopport of the special of Fig. 1920;
20 - 20 Fig. 1920;
20 Fig

(8 Channels)

28. Power supply: 12V DC 2000mA max

29. Power: 2-channel 5W, 4-channel 10W,

8-channel 20W

hotels, higher education, religious places, enterprises and government

Specifications

520-544.750MHz
(optional according to different regions)
7. Band width: 40MHz - 80MHz
8. Number of channels: 400
9. Frequency sync: one button IR frequency sync

setting 10. Modulation type: frequency modulation (FM)

10. Modulation type: frequency modulation (FM)
11. Pilot frequency: 30.27KHz
12. RF sensitivity: <-99dBm
31. Image suppression: > 80dB
44. Frequency stability: ≤± 0.005% (-10~60 C)
15. Dynamic range: > 9ddB
16. Maximum frequency deviation: ± 45KHz

17. Comprehensive signal-to-noise ratio:>85dB

Comprehensive sijnal-to-noise ratio-265dB
 Aweighted ve distortion mit < 0.5% @ 16Hz
 Comprehensive distortion mit < 0.5% @ 16Hz
 Audio output: balanced X.R.+5dbW
 Audio output: balanced X.R.+5dbW
 unbalanced T56.3mm·+5dbW
 unbalanced T56.3mm·+5dbW
 audio output: balanced X.R.+6dbW
 audio output: balanced X.R.+6dbW
 audio output: balanced X.R.+6dbW
 audio output: 30 level electronic volume
 comprehensive signal-to-si



① Pickup: High sensitivity gold-plated capacitive microphone core, used to pick up voice.

② TFT display: 1.77 inch high-definition display screen, showing the status information of the conference seat, power, frequency/channel, mute status, etc.

③ Soft touch button: silent soft touch silicone button with speech luminous icon, which is convenient for speakers to touch to turn on or off the microphone.