ACEMIC G5

STEREO WIRELESS IN-EAR MONITORING SYSTEM

USER GUIDE



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Function Illustration

The G5 stereo wireless monitoring system has a built-in audio DSP processing chip that provides high-fidelity sound, allowing you to experience the same feeling as live music.
Whether it's treble, alto or bass, every audio detail can be accurately presented, allowing you to enjoy the beauty of music.

- UHF 600-937MHz (according to local regulations)
- Stereo audio transmission
- The receiver adopts diversity reception to reduce blind spots and ensure stable reception
- The volume of the left and right channels of the receiver can be adjusted independently, and there is a stereo mode and a MixMode selection function.
- The transmitter has two levels of adjustable power
- Bandwidth 30MHz, preset 100 frequencies (varying according to different frequency ranges)
- Manual frequency adjustment and infrared automatic frequency sync
- Operating range up to 100 m in an open area
- Suitable for professional stage performance applications

Included components



Transmitter *1



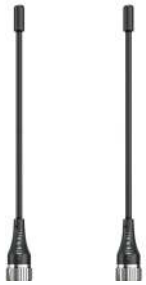
Antenna for transmitter *1



6.5mm audio cable *2



Recevier *1



Antenna for receiver *2



Adapter *1

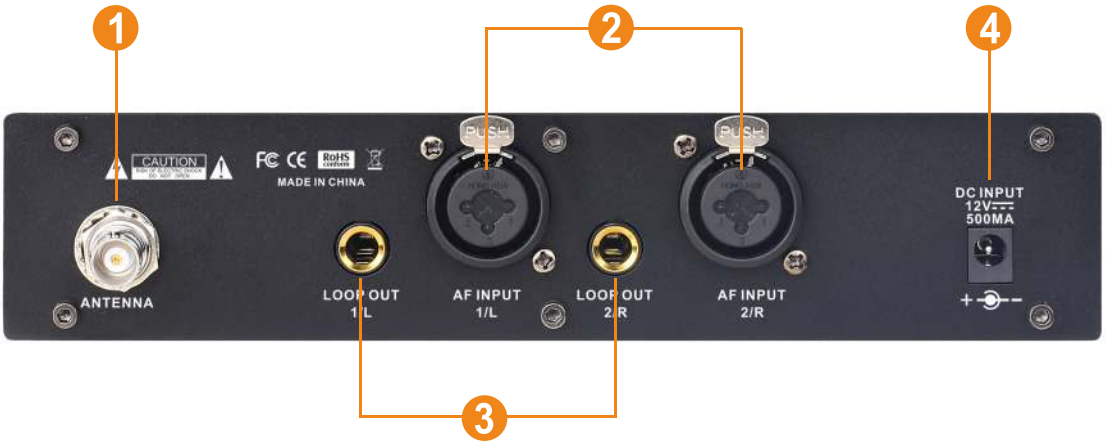


Charging cable *1

Transmitter Front and Rear Panels



1. IR sync window
2. 6.35mm jack for headphone monitoring
3. Sync button
4. Exit/cancel button
5. Menu knob: press to enter main menu, rotate to adjust datas like frequency, volume,etc.
6. Power



1. BNC antenna connector: connect the included antenna
2. XLR-3/6.35MM combination jack: The sound source of the mixer or other audio source device is connected to the balanced input or unbalanced input jack. Can be inserted into XLR jack or 6.35MM jack
3. 6.35MM unbalanced output jack: audio output to other audio devices
4. Power input

Transmitter Display



1. Front panel 6.35MM monitoring headphone output volume setting

2. Left channel and right channel audio signal indication

3. Transmit power setting (high power: Hi ; low power: Lo)

4. Rear panel (XLR-3/6.35mm combined balanced input jack) audio volume adjustment

5. Working frequency for transmitter

Wireless Receiver



1. Antenna for receiver
2. Jack for headphone
3. IR sync window
4. Volume knob
5. RF signal indicator
6. Down
7. Menu button (press 2 seconds to unlock / lock if no action for 8 seconds)
8. Up
9. Charging indicator: red while charging, off when fully charged
10. TYPE-C charging port

Receiver Display



1. Antenna A or B signal indicator
2. RF signal strength
3. Battery life
4. Lelf volume
5. Right volume
6. Mono or Stereo mode
7. Operating frequency
8. L R are Lelf and Right signal indicators
9. Lock icon

Receiver Display

Press SET button to choose features, press up and down buttons to change its value or mode.







Red light is lock, green light is unlock.

Press SET button for about 2 seconds to unlock, screen will lock automatically if no operation about 6 seconds.





Sync Operation Between Transmitters and Receivers



Press the SYNC button, the transmitter's IR light will flash red

Align the IR windows to sync the receiver and transmitter

Troubleshooting

Transmitter

Problem	Reason	Solution
Can't power on, power light failed	Not connected power supply yet	Make sure power supply is connected to transmitter properly
Range is short	Antenna is not connected or not connected properly	Connect antenna properly
	There are obstacles in the transmission space	Remove the obstacles or go away from them
No stereo audio modulation	Receiver is in mono mode	Change it to stereo mode
	No stereo from the sound source output	Input audio signal with stereo output

Receiver

Problem	Reason	Solution
Can't turn on	Battery is dead	Charge the built-in battery
No audio from headphones	Beyond operating range	Get it worked within operating range
	The volume potentiometer is not turned on	Turn it on
	Does not correspond to transmitter frequency	Change its frequency to the transmitter has
	No stereo audio modulation for transmitter	Inspect the transmitter

Specifications

Transmitter

Carrier frequency range: 600-937MHz (according to local regulations)

Oscillation mode: PLL phase-locked frequency synthesis

Modulation method: FM, MPX stereo integrated mode

T.H.D: <0.9%@1KHz

Frequency response: 50Hz-15KHz (±3dB)

Audio output: 6.35mmφ balanced socket x2 (LOOP OUT)

Audio input: XLR and 6.35mmφ composite socket

Audio input level: +16dBV(max)

Front panel headphone output power: 70mW@32Ω THD+N = 1%

Power supply: DC 12V/500mA

Display panel: LCD

Dimensions (mm): 210 (L) x 45 (H) x 180 (W)

Receiver

Carrier frequency range: 600-937MHz (according to local regulations)

Oscillation mode: PLL phase-locked frequency synthesis

Demodulation method: FM, MPX stereo integrated mode

T.H.D: <0.9%@1KHz

Frequency response: 50Hz-15KHz (±3dB)

Stereo separation: ≥60dB @1KHz

Output socket: 3.5mmφ stereo headphone socket

Headphone output power: 125mW@32Ω THD+N = 1%

Power supply: built-in rechargeable 3.7V lithium battery

Battery life: ≥5.5 hours

Operating range: ≥100 meters in an open area

Display : OLED

Dimensions (mm): 64(W) x 102(L) x 24(H)