S Series Stereo Wireless In-Ear Monitoring System

User Guide

Catalog

Feature

- The S series is a simple, flexible and reliable stereo wireless in-ear monitoring system, suitable for outdoor live broadcasts, small stage performances, musical instrument playing and singing, etc.
- The system uses an IPS TFT display, which is beautiful and clearly displayed, and the system setting information is clear at a glance.
- Uses UHF ultra-high frequency wireless stereo transmission technology.
- It uses UHF wireless wave for transmission, make signal more stable, receiving distance up to 80 m in an open area that without obstacle.
- The system uses a high-performance CODEC processing chip and a 24bit/48KHz audio sampling rate to ensure the clarity and high fidelity sound quality.
- High stereo separation bigger than 60dB.
- Transmitter is equipped with a switching function for stereo and mono modes.
- Receiver is designed with a high effective power circuit and powered by 2*AA battery.
- Receiver is equipped with a switching function for stereo, mono, and dual-mono modes. ensuring its longer runtime.

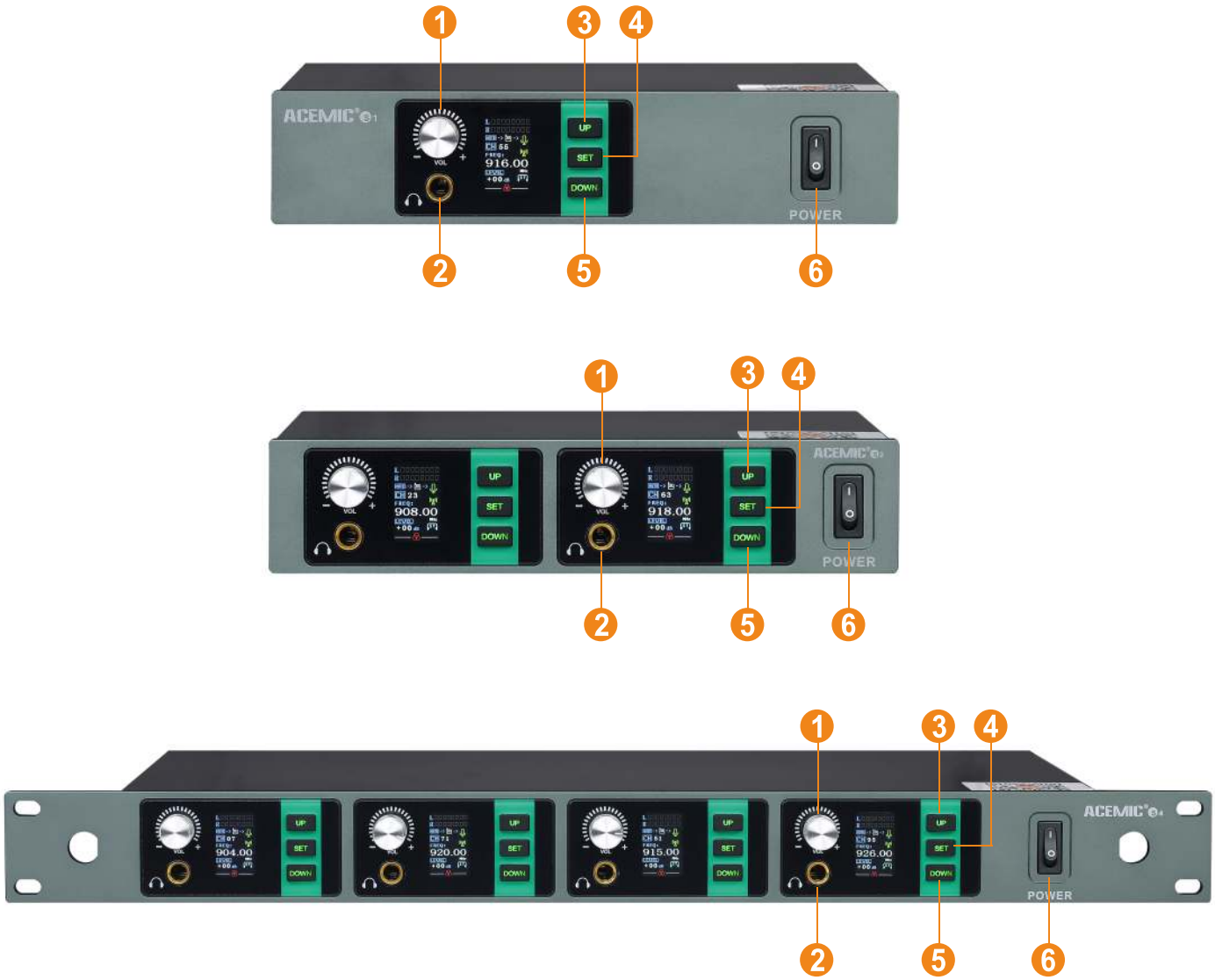
Components

 **S1** Transmitter*1  **S1A** Transmitter*1	 Bodypack receiver*1	Transmitter's antenna*1  Earphones*1	 6.35mm audio cable *2  Adapter*1

 **S2** Transmitter*1  **S2A** Transmitter*1	 Bodypack receiver*2	Transmitter's antenna*1  Earphones*2	 6.35mm audio cable*4  Adapter*1

 **S4** Transmitter*1  **S4A** Transmitter*1	 Bodypack receiver*4	Transmitter's antenna*2  Earphones*4	 6.35mm audio cable *8  Adapter*1

Transmitter's Front Panel



1. Volume knob
2. 6.35mm jack for earbuds monitoring
3. Up button
4. Set button
5. Down button
6. Power

Transmitter's Front Panel

1. Volume knob
2. 6.35mm jack for earbuds monitoring
3. Up button
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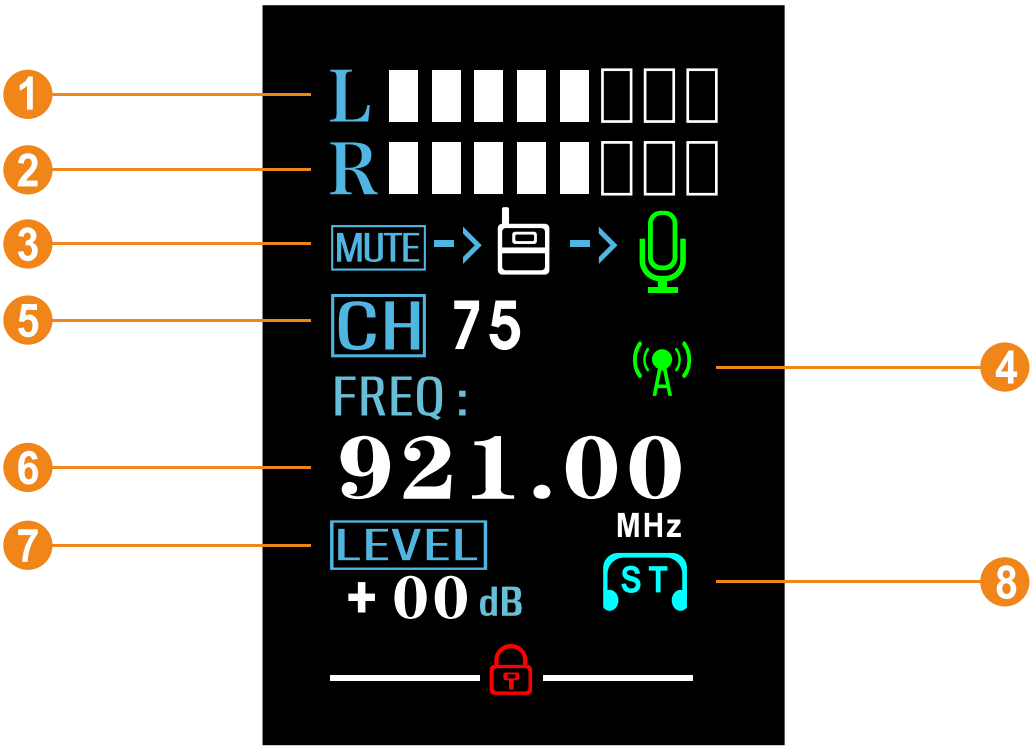
Transmitter's Rear Panel

1. BNC antenna connector: connect the included antenna
2. 6.35mm left and right channel input
3. 6.35mm left and right channel output
4. Power

Note: BNC antenna connector's quantity of the rear panel is subject to the upgraded version

Transmitter's Display



1. Left channel volume

2. Right channel volume

3. Mute

4.Transmission indicator (green for working, it turns gray while radio power is off)

5. Operating channel

6. Operating frequency

7. Input level gain/ attenuation

8. Stereo/MONO mode

Wireless Receiver

1.Receiver's antenna

2.Line out jack

3.Volume knob

4.Earphones jack

5.RFindicator

6.Down

7.Set

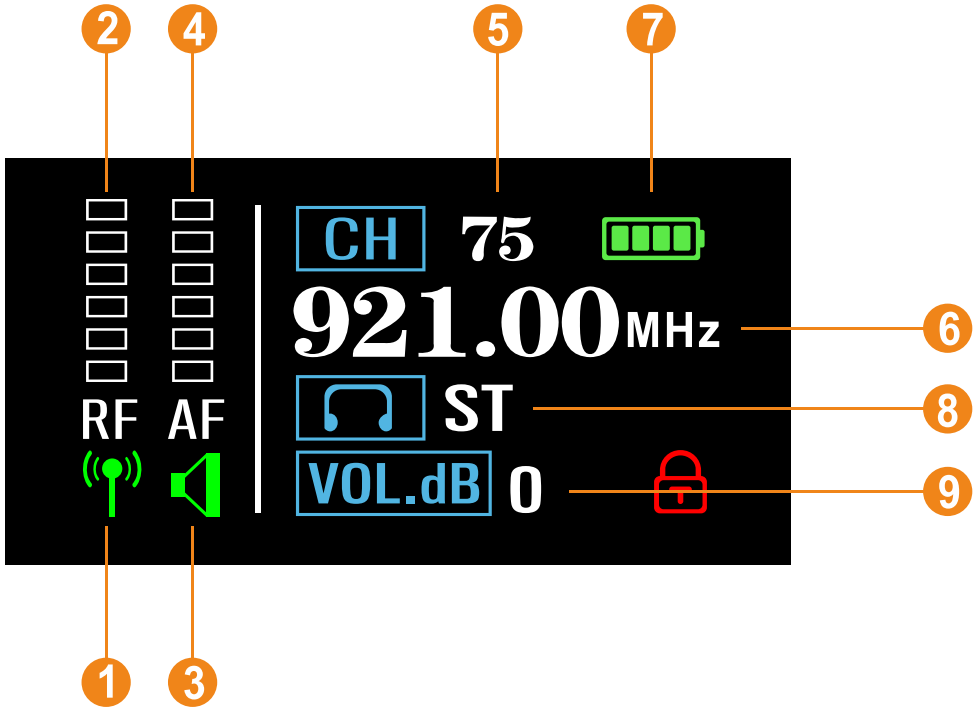
8.Up

9.Batterycompartment(powered by 2*1.5V AA battery)

Wireless Receiver

1. Receiver Antenna
2. Power Switch
3. Headphone Jack
4. Plus Button (Volume Adjustment, Frequency Setting)
5. Set Button
6. Minus Button (Volume Adjustment, Frequency Setting)
7. One 3.7V 14500 Lithium Battery
8. Charging Indicator
9. TYPE-C Charging Jack

Receiver's Display



1. Connection indicator, light is green when transmitter and receiver are connected successfully, otherwise, it's gray
2. RF strength
3. Mute indicator: light is red when you get the mute activated on transmitter, otherwise, it's green
4. Audio signal strength
5. Operating channel
6. Operating frequency
7. Battery life
8. Stereo / Mono / Left Mono / Right Mono / Receiver Mute Indicator
9. Earbuds' volume

Operation for Transmitter and Receiver

Transmitter

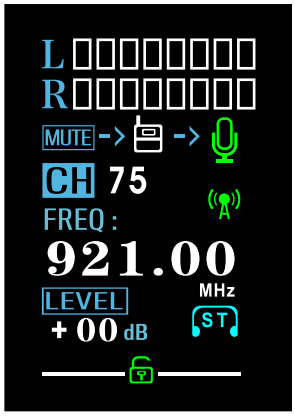
1. ON/OFF

Switch to 1 for ON, Switch to O for OFF

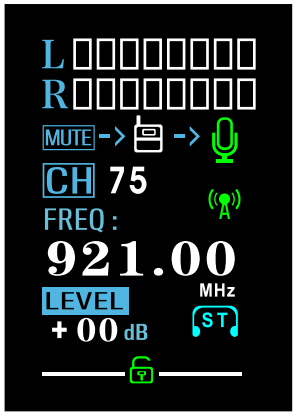
2. Feature setting

Press and hold the SET button for 1 second until the red lock icon at the bottom turns green, and the channel symbol CH is displayed in reverse.

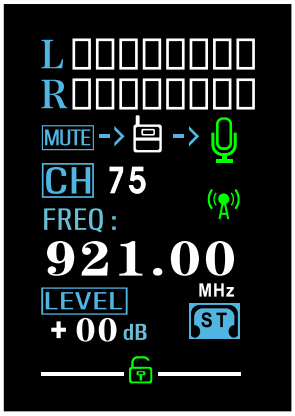
Enter the channel adjustment mode (shown in PIC 1), press the UP/DOWN button to adjust channel, and quick press the SET button again to switch to the level input gain/attenuation adjustment mode (shown in PIC 2) or stereo/mono switching setting mode (shown in PIC 3), press the UP/DOWN button to adjust accordingly. System will automatically save the setting data and enter lock mode if no further operation for 10 seconds.



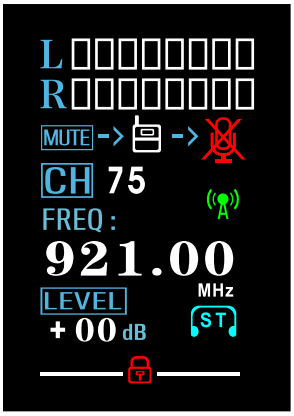
PIC 1



PIC 2



PIC 3



PIC 4

3. Mute and unmute

Double-click the SET button to mute, and double-click it again to cancel the mute setting. When muted, as shown in PIC 4

4.Transmitter's radio power On/Off

Triple click on SET button to get its power off temperarily, transmitter and receiver become disconnected, transmission indicator icon changes to gray, triple click it again to reopen power, the icon resumes to green.

5. Match connection

Manually adjust the channel of the transmitter to be the same as receiver's one, they will be matched automatically.

Transmitter and Receiver Operation Instructions

Receiver

1. Power on/off

Power on: Long press the power button until the scroll bar in Figure 5 is finished and then release it to power on. Power off: Long press the power button for 1 second

2. Function settings

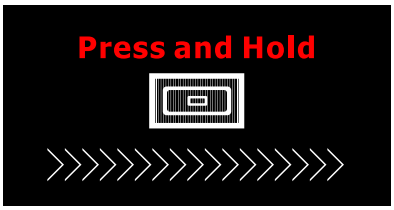
Tap the settings button. When the red lock mark turns green and the channel number symbol CH is reversed, enter the channel number adjustment mode (as shown in Figure 6). Press the plus/minus button to adjust the channel number. Press the settings button again to switch to the stereo/mono dual-mono mode setting (as shown in Figure 7) or the headphone volume adjustment mode (as shown in Figure 8). Press the plus/minus button to make corresponding adjustments.

3. Mute/unmute operation

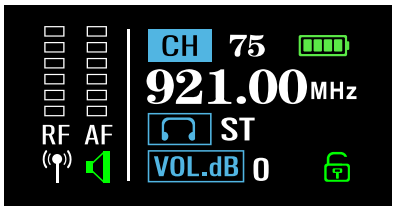
Double-click the settings button to mute, and double-click the settings button again to cancel the mute setting. When muted, it is shown in Figure 9

4. Matching connection

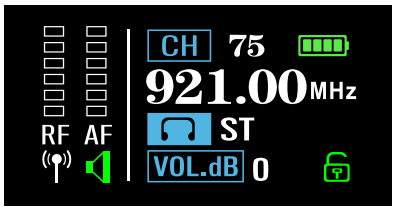
Manually adjust the receiver's channel number to the same as the transmitter's channel number to automatically match and connect.



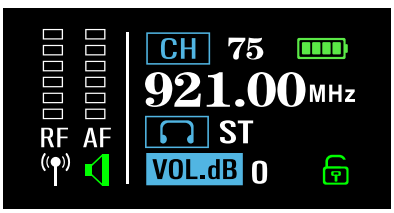
PIC 5



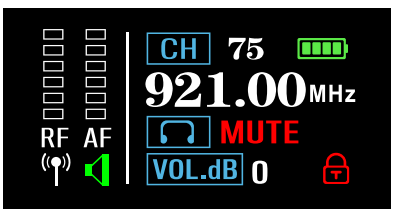
PIC 6



PIC 7



PIC 8



PIC 9

Troubleshooting

Transmitter

Problem	Reason	Solution
Can't power on, power light failed	Not connected power supply yet	Use adapter comes with the system and make sure it is connected to transmitter properly
Range is short	Antenna is not connected or not connected properly	When connecting the transmitter antenna, it should be rotated and screwed into the slot position, and keep it upright. When using the receiver, two antennas should be connected and tightened at the same time
	There are obstacles in the transmission space	Remove the obstacles or go away from them
No stereo audio modulation	Transmitter/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 earbuds	Doesn't correspond to transmitter's frequency	Change its frequency to the transmitter has
	The volume potentiometer is not turned on	Turn it on
	Beyond operating range	Get it worked within operating range
	Transmitter/receiver opens Mute mode	Cancel mute
No Stereo audio	No stereo audio modulation for transmitter or receiver is in mono mode	Inspect transmitter, set receiver's mode to stereo

Specifications

Transmitter

Frequency range：902-928MHz (depending on local regulations)
Modulation：Intergrated
T.H.D：<0.5%@1KHz
Frequency response：20Hz-20KHz(±3dB)
Audio output：6.35mmφ balanced socket x2 (LOOP OUT)
Audio input：6.35mmφ balanced socketx2
Audio input level：+10dBu(max)
Output power of earbuds for front panel of transmitter：80mW@32Ω THD+N = 1%
Power supply：DC 12V/1000mA
Display：IPS TFT display
Dimensions(mm)：210(width) x 45(height) x 180(deepth)

Receiver

Frequency range：902-928MHz(depending on local regulations)
Modulation：Intergrated
Audio sampling：24bit/48KHz
T.H.D：<0.5%@1KHz
Frequency response：20Hz-20KHz(±3dB)
Stereo separation：≥60dB @1KHz
Output jack：3.5mmφ stereo earbuds jack
Output power of earbuds：80mW@32Ω THD+N = 1%
Latency：6ms (typical)
Frequency match：Adjust manually
Operating range：80 meters (ideal open area)
Display：IPS TFT display
Dimensions(mm)：64(width) x 96(height) x 21(deepth)