

# **ANLEON S3**

**Wireless In-Ear Monitor System**

**V1.2.0**

## S3 Wireless In-Ear Monitor System – Introduction

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### **Thank you for buying the ANLEON S3 Wireless In-Ear Monitor System.**

This feature-rich in-ear monitor system is designed to provide you with comfortable high-fidelity sound on stage. You can directly monitor the received sound signals without troublesome cables or monitor speakers being required.

The S3 Stereo Receiver allows the user to create and control his/her own mix on stage with Personal Mix Control that offers independent control of volume and mix at the receiver. The S3 Stereo Transmitter offers two XLR/ 6.3 mm jack connectors into which users can connect line-level inputs (from a mixing console, for example). The S3 Stereo Transmitter also offers a headphone output that allows you to monitor transmitter input signals directly.

**Note: S3 “518-554MHz” Band receivers must be used only with “518-554MHz” Band transmitters; the same holds true for S3 “566-608MHz”, “626-662MHz” and “830-866MHz” Band receivers and transmitters. For multiple-channel applications, as many as 8 systems may be used together per frequency band.**

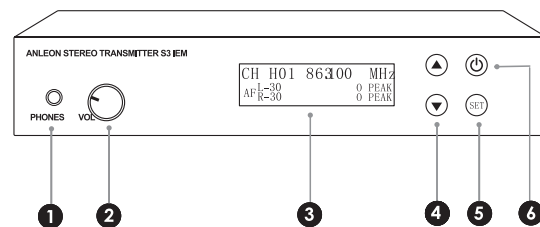
## System Features

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- High-fidelity sound with clean, articulate mix allows performers to hear themselves clearly at lower volume
- Up to 8 simultaneous systems per frequency band
- Personal Mix Control allows you to adjust your own mix on stage
- Back-lit LCD information display offers step- through menus for setting preferences
- Headphone monitor on transmitter
- Pilot tone protects against RF interference when transmitter is turned off
- Use any number of Stereo Receivers (with individual mixes) on the same frequency

### S3 Transmitter Controls

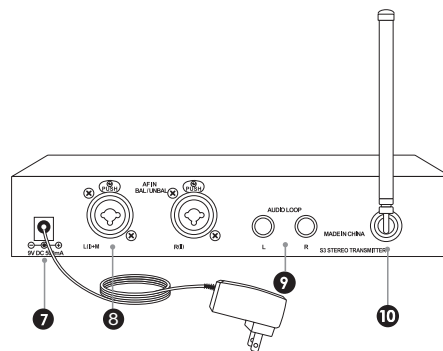
#### front panel



- ❶ **Headphone output (PHONES).** 3.5 mm jack socket.
- ❷ **Headphone volume control (VOL).** Adjusts level of monitor headphones;affects 3.5mm headphone jack only. Does not affect transmitter audio output.
- ❸ **Graphic display**  
Liquid crystal display. Indicates control settings and operational readings. It is also used with the Set and Up/Down arrow buttons to change user-configurable functions(frequency,sensitivity,sterео/mono selection ).The level display for audio signal "AF" shows the modulation of the transmitter. When the transmitter's audio input level is excessively high,the level display for audio signal "AF" shows full deflection.
- ❹ **UP/DOWN button**  
Use with the Mode/Set button to step through menus, select operating frequency and edit Transmitter function choices.
- ❺ **Set button**  
Use with the Up/Down arrow buttons to step through menus, choose operating frequency and select Transmitter function options .
- ❻ **Power switch.** Depress once to turn on. Depress again to turn off.

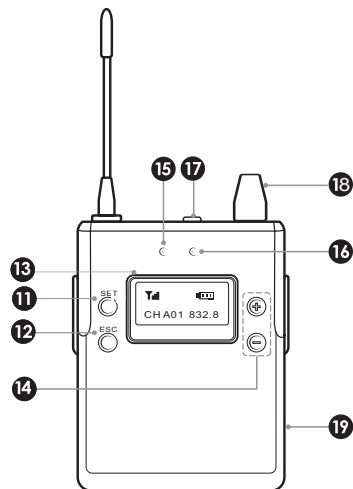
### S3 Transmitter Controls

rear panel



- 7 **DC input.** Plug the included power supply in here, 9–16V DC.
- 8 **AF IN.** Combination input jacks offer both XLR and 1/4" jacks.
- 9 **AUDIO LOOP output**  
The 6.3mm R jack duplicates the unprocessed signal of the R(I) input;  
The 6.3mm L jack duplicates the unprocessed signal of the L(I) input.  
Not affected by front panel settings.
- 10 **Antenna output (ANT).** BNC socket.

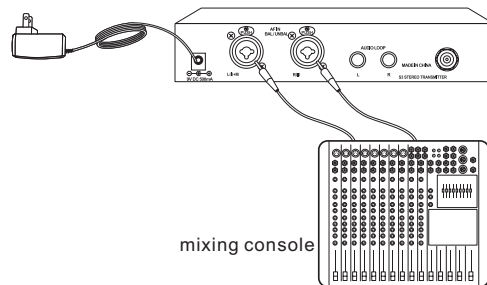
### S3 Receiver Controls



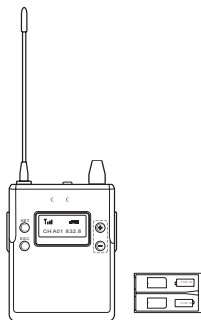
- 11 **SET button.** Use with the +/- buttons to step through menus, choose operating frequency and select receiver function options.
- 12 **ESC button.**
- 13 **Receiver Display section**  
Displays battery level, channel, Mode Stero/Focus, High Boost. Press the Set button on the Receiver, Use the + or – button to select the desired Channel number, Mode Stero/Focus, High Boost.
- 14 **+ or – button.** Selects values shown on the display.
- 15 **Battery indicator.** Green indicates functioning battery; low battery is red.
- 16 **RF indicator.** Green LED for RF signal indication.
- 17 **Headphone output (PHONES).** 3.5 mm jack socket.
- 18 **On/off/volume control.**
- 19 **Battery compartment.**

### Quick-start guide

1. Plug in the included AC adapter and connect to transmitter's DC input. Connect audio source(s) to inputs on the rear panel of the transmitter.



2. Insert 2 AA batteries in the receiver following polarity as indicated.



3. Power on the receiver with volume in minimum position; power on the transmitter.
4. Set Receiver and Transmitter to the same frequency.
5. Plug supplied earphones into earphones output jack on the receiver.
6. With volume on receiver at minimum position, put earphones into your ears and gradually increase volume until appropriate level is reached.

## How to make setting changes on the S3 Stereo Transmitter

### How to select a frequency

On the home screen, press the SET button until the Frequency menu item appears in the selection frame. Use the ▲ or ▼ button to select the desired channel number.

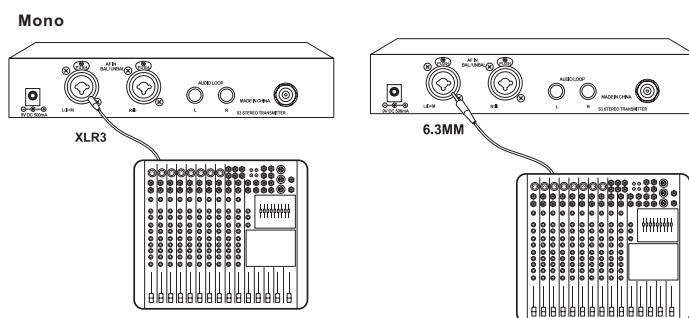


### Stereo/mono selection (transmitter only)

You can connect **Mono** or **Stereo** signals via the two input sockets L(I) and R(II). To do so, the S3 transmitter must be configured for Mono or Stereo operation in the menu.



In **Stereo mode**, you can receive the two input signals either as a mixed **mono** signal or as a **stereo** signal. To do so, you must select **Focus** or **Stereo** mode on the **S3 receiver**.

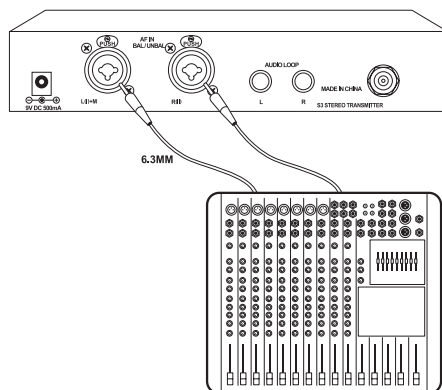
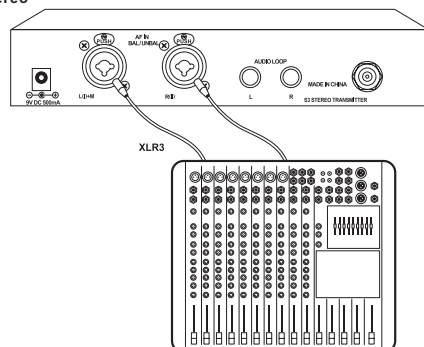


### How to make setting changes on the S3 Stereo Transmitter

Connect the output of an external device (e.g. a **mixing console** or another **S3 transmitter**) to the audio input sockets **L(I)** and **R(II)** using suitable cables.

In **Stereo** mode, the corresponding **receiver** can be operated in **Focus mode** or **Stereo mode**.

**Stereo**



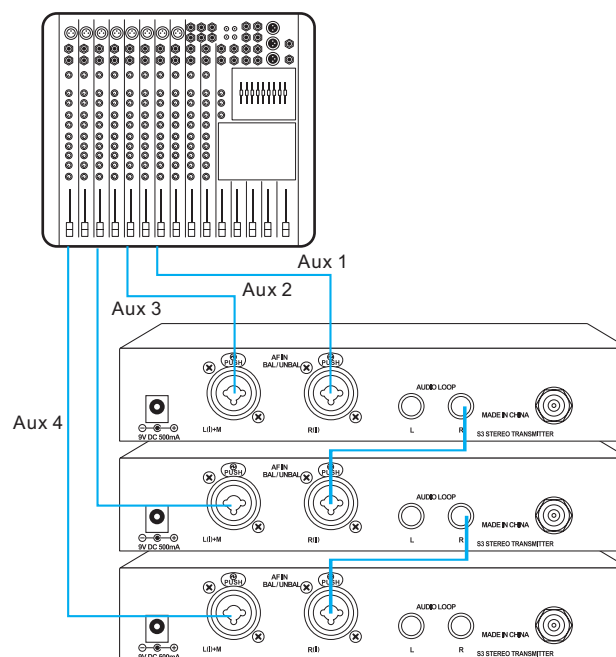


### How to make setting changes on the S3 Stereo Transmitter

#### Daisy chaining audio signals

Using the **AUDIO LOOP L** and/or **AUDIO LOOP R** output sockets, it is possible to transmit a signal that you want to make available to all receivers from the mixing console to a **transmitter** and then to daisy chain this signal from the transmitter to the other transmitters.

In this way, for example, you can distribute an AUX path from the mixing console in **Focus mode** to multiple **transmitters** and output a separate signal on the other channel of the same **transmitter** (e.g. for the individual musician)



### How to make setting changes on the S3 Stereo Transmitter

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#### Adjusting the sensitivity (transmitter only)

To match the transmitter to the output level of the connected unit (e.g. mixing console), you can adjust the input sensitivity in four steps of 8 dB (from 0 to -24 dB) via the "Sensitivity" menu.



### How to make setting changes on the S3 Stereo Receiver

#### How to select a frequency

On the home screen, press the SET button until the Frequency menu item appears in the selection frame, Press the + or - button, Adjust the settings as desired.



#### Adjusting the balance

In the Balance menu item you can adjust the balance of the audio channels.

Setting range:

31 steps: L = R, L1 to L15 and R1 to R15

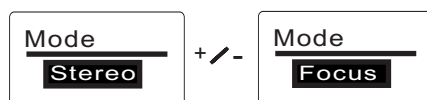
On the home screen, Press the + or - button, the Balance menu item appears in the selection frame. Adjust the settings as desired, wait 3 seconds, automatically save the changes you made to the settings, or press the ESC button, return to the home screen.



### How to make setting changes on the S3 Stereo Receiver

#### Stereo/Focus selection (receiver only)

Via the "Stereo/Focus" menu, you can switch between **Stereo** and **Focus** operation. In both operating modes, the transmitter has to be set to **stereo** operation. When the **receiver** is set to **stereo** operation, the left-right signals are available as usual. When the **receiver** is set to **Focus** operation, the left-right signals are mixed and are available as a **mono** signal in both headphone channels. Use the **+ or -** button to adjust the relative levels of the two separate channels in the mixed **mono** signal.



#### High Boost selection

##### Activating/deactivating the frequency boost (receiver only)

Via the "**High Boost**" menu, you can boost the AF frequency response at 10 kHz. As a result, headphones with magnetic transducers sound better. On the home screen, Press the Set button until the High Boost menu item appears in the selection frame. Press the **+ or -** button activating/deactivating the frequency boost.



**Specifications**

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Frequency ranges: 518-554MHz  
Headphone output: 3.5mm jack socket  
Transmitter Power Supply: DC9V/500mA  
Receiver operating time: up to 12 hours, 2 x 1.5V AA (not included)  
Operating Range: 100m(environment dependent)  
RF Output Power: <10mW  
Signal-to-noise ratio(1mv,peak deviation) typ.90 db(A)  
Total Harmonic Distortion <1% (at 1 kHz,  $\pm 20$  kHz Deviation  
Frequency Response: 40Hz~18KHz

Product Content  
S3 Transmitter  
S3 Receiver  
AC adapter  
Earphones

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

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 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.

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



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