

ANLEON S2

ANLEON S2 UHF Stereo Wireless Monitor System User Manual

Model: S2 | Brand: ANLEON

1. INTRODUCTION

1.1 Overview

The ANLEON S2 is an In-Ear Monitor (IEM) system designed for stage performance and broadcasting applications. It operates within a UHF frequency band (526-535Mhz) and utilizes PLL frequency synthesized technology for stable performance. The system offers 6 selectable frequencies and ensures optimal audio quality through a high S/N ratio and dynamic range.

1.2 Key Features

- UHF frequency band (526-535Mhz) with PLL frequency synthesized technology for stable operation.
- 6 selectable channels for flexible use.
- Low power consumption design, powered by 2 AA batteries, providing up to 12 hours of playtime.
- Supports multiple receivers with a single transmitter within the operating range.
- Dynamic expansion circuitry for high signal-to-noise ratio.
- Complex anti-interference circuit allows up to 6 sets to operate simultaneously without mutual interference.
- Receiver LCD displays frequency, channel, and battery level.
- Long operating range of up to 100 meters.

1.3 Ideal Applications

- Recording studio monitoring
- On-stage monitoring

1.4 Package Contents

- 1 x ANLEON S2R Receiver (526-535Mhz)
- 1 x ANLEON S2T Transmitter (526-535Mhz)
- 1 x In-ear earphones

- 1 x User Manual
- 1 x 9V/300mA Power Adaptor (110V-240V)

2. SAFETY INFORMATION

Consumer Alert: Most users do not require a license to operate this wireless microphone system. However, operating this microphone system without a license is subject to specific restrictions:

- The system must not cause harmful interference.
- It must operate at a low power level (not exceeding 50 milliwatts).
- It has no protection from interference received from any other device.

Users are advised to consult with the FCC or local regulatory bodies for specific licensing requirements in their area.

3. PRODUCT COMPONENTS

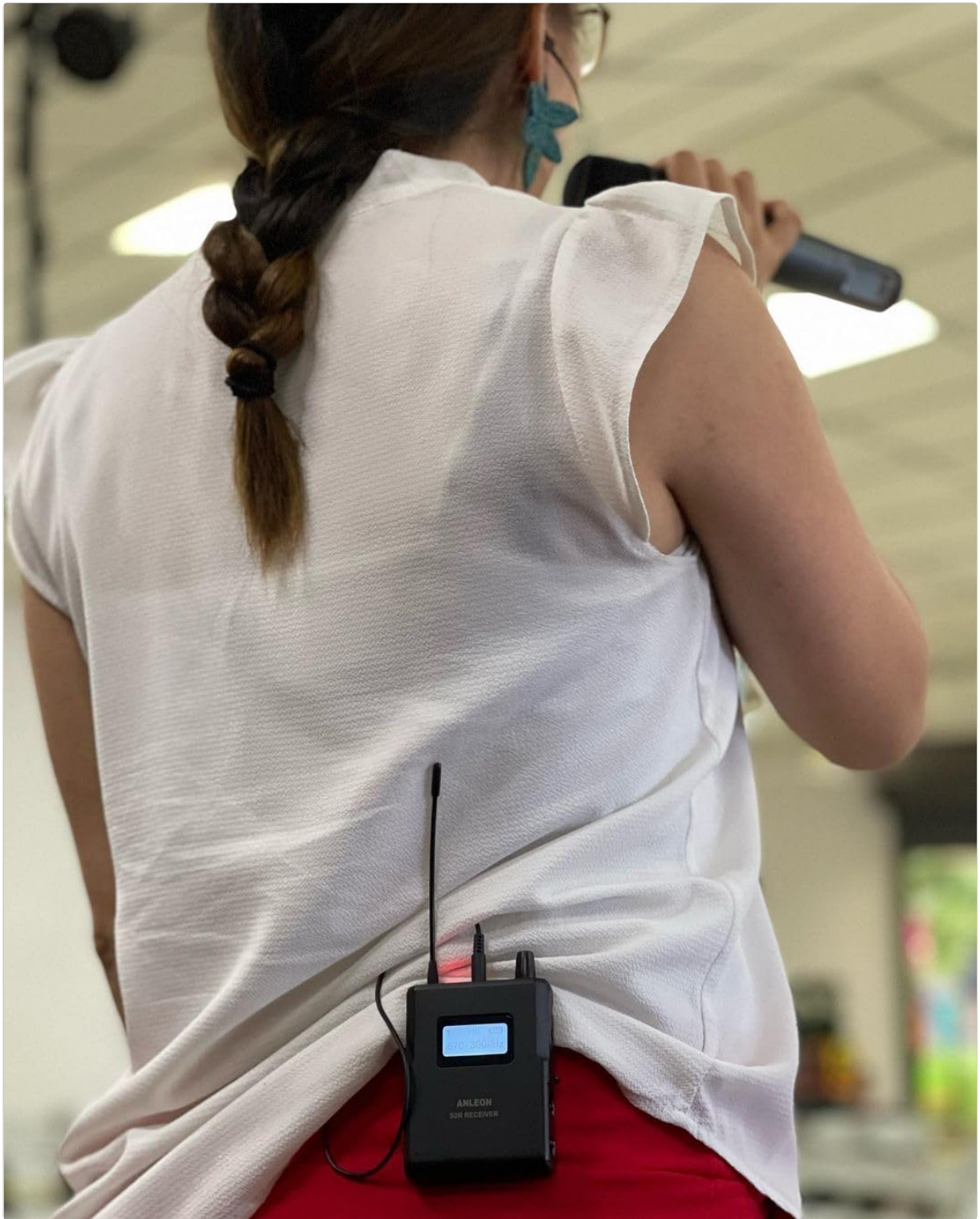
3.1 ANLEON S2R Receiver





ANLEON S2R Receiver with included in-ear earphones.

The S2R Receiver is a compact, portable unit designed to be worn by the performer. It features an LCD screen displaying frequency, channel, and battery status. A volume control knob allows for personal monitoring level adjustment. It is powered by two AA batteries.



ANLEON S2R Receiver clipped to a user's clothing during performance.



ANLEON S2R Receiver attached to a guitar strap for convenient access.



User holding the ANLEON S2R Receiver on a stage environment.

3.2 ANLEON S2T Transmitter



Front view of the ANLEON S2T Transmitter, showing controls and ports.

The S2T Transmitter is the central unit that sends the audio signal wirelessly to the receivers. It features controls for selecting groups and channels, as well as a stereo/mono switch. It connects to an audio source via standard input jacks and is powered by the included 9V/300mA power adaptor.



Angled view of the ANLEON S2T Transmitter, highlighting its compact design.



ANLEON S2T Transmitter and S2R Receiver displayed together.



ANLEON S2T Transmitter and S2R Receiver set up in a studio or stage context with drums.

4. SETUP GUIDE

4.1 Transmitter Setup

1. **Power Connection:** Connect the provided 9V/300mA power adaptor to the ANLEON S2T Transmitter and plug it into a power outlet.
2. **Audio Input:** Connect your audio source (e.g., mixer, audio interface) to the input jacks on the

ANLEON S2T Transmitter. Ensure the input level from your source is appropriate; avoid excessively hot signals to prevent distortion.

3. **Antenna:** Ensure the antenna on the transmitter is securely attached and positioned vertically for optimal signal transmission.

4.2 Receiver Setup

1. **Battery Installation:** Open the battery compartment of the ANLEON S2R Receiver and insert two AA batteries, observing correct polarity.
2. **Earphone Connection:** Plug the included in-ear earphones into the headphone jack on the ANLEON S2R Receiver.
3. **Antenna:** Ensure the receiver's antenna is extended for best reception.

4.3 Channel Synchronization

1. **Power On:** Turn on both the ANLEON S2T Transmitter and the ANLEON S2R Receiver.
2. **Select Group/Channel on Transmitter:** Use the 'GROUP' and 'CHANNEL' knobs on the S2T Transmitter to select a desired frequency. The system offers 6 selectable channels.
3. **Match Channel on Receiver:** On the S2R Receiver, use its controls to match the group and channel displayed on the transmitter. The receiver's LCD will show the selected frequency and channel.
4. **Verify Connection:** Once channels are matched, audio from the transmitter should be audible through the receiver's earphones.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Monitoring Volume

Use the volume knob on the ANLEON S2R Receiver to adjust the listening level through your earphones. Start with a low volume and gradually increase it to a comfortable level to prevent hearing damage.

5.2 Switching Stereo/Mono Mode

The ANLEON S2T Transmitter features a STEREO/MONO switch. Select STEREO for a two-channel audio experience or MONO for a single, summed audio channel, depending on your monitoring needs.

5.3 Monitoring Battery Life

The LCD screen on the ANLEON S2R Receiver displays the current battery level. Replace batteries when the indicator shows low power to ensure uninterrupted operation. The receiver provides up to 12 hours of operation on two AA batteries.

6. MAINTENANCE

6.1 Cleaning

Wipe the transmitter and receiver with a soft, dry cloth. Do not use liquid cleaners or solvents, as these may damage the finish or internal components.

6.2 Battery Replacement

Replace the AA batteries in the receiver when the battery indicator is low. Always use fresh, high-quality batteries for optimal performance and battery life. Remove batteries if the device will not be used for an extended period.

6.3 Storage

Store the system in a cool, dry place away from direct sunlight and extreme temperatures. Keep components in their original packaging or a protective case to prevent damage.

7. TROUBLESHOOTING

- **No Sound or Intermittent Audio:**

- Ensure both transmitter and receiver are powered on and have fresh batteries.
- Verify that the transmitter and receiver are set to the same group and channel.
- Check all cable connections to the transmitter.
- Adjust the volume on the receiver.
- Ensure the audio input level to the transmitter is not too low or excessively high (clipping).
- Check the distance between the transmitter and receiver; ensure it's within the 100m operating range and free from major obstructions.

- **Static or Noise in Audio:**

- Try switching to a different channel to avoid interference from other wireless devices.
- Ensure the audio input level to the transmitter is not too high, which can cause distortion.
- If connected to a computer, check for ground loop issues. A USB isolator may be required if noise persists.
- Ensure antennas are fully extended and unobstructed.

- **Short Battery Life:**

- Use high-quality alkaline or rechargeable AA batteries.
- Ensure batteries are fully charged if using rechargeable types.

8. SPECIFICATIONS

Model	ANLEON S2
Frequency Band	UHF (526-535Mhz)
Channels	6 selectable channels
Wireless Technology	RF (Radio Frequency)
Operating Range	Up to 100 meters (line of sight)
Receiver Power	2 x AA batteries
Receiver Battery Life	Approximately 12 hours
Transmitter Power	9V/300mA Power Adaptor (110V-240V)
Ear Placement	In Ear
Form Factor	In Ear
Impedance	32 Ohms
Noise Control	None

Item Weight	1.85 pounds (total package)
Product Dimensions	8.46 x 9.57 x 0.81 inches
UPC	603981642148, 636946967970

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the ANLEON official website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.