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MELONARE®

MELONARE SD-1-2R Wireless in Ear Monitor System

MELONARE is an audio solution provider dedicated to developing lifestyle affordable audio products for our users, from entertainment events to the home audio studio. Thank you for purchasing the SD-1 wireless in ear monitor system. This informative booklet provides a description of features and a step-by-step guide to operate this unit. Please read this manual carefully to answer any question about the operation. And please keep this manual available for future reference.
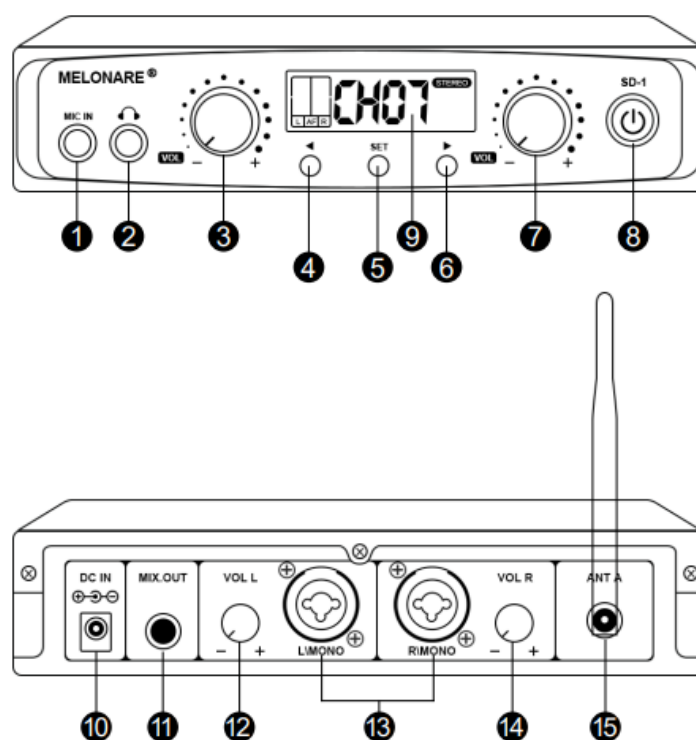
OVERVIEW

Box Contents

- 1 x In-Ear Monitor Transmitter
- 2 x Bodypack Receiver
- 2 x Earphone
- 1 x Power Adapter
- 1 x 1/4" (6.35mm) Audio Cable
- 4 x AA Battery
- 1 x User Manual

System Features

- Supports mono/stereo mode selection for flexible audio configurations.
- MIC IN port enables seamless communication between sound engineers and musicians.
- MIX OUT port allows integration with other monitoring systems for expanded setups.

- Stereo headphone input ensures accurate mixing on certain consoles.
- Independent VOL L and VOL R controls allow precise input audio volume adjustments for the left and right channels.
- Digital transmission with 24-bit depth and 48kHz sampling rate delivers superior sound fidelity.
- UHF 500MHz frequency-hopping circuitry with 10 adjustable channels minimizes interference and ensures ultra-low latency.
- Offers a 200ft transmission range for reliable performance.
- One transmitter connects unlimited receivers for scalable setups.
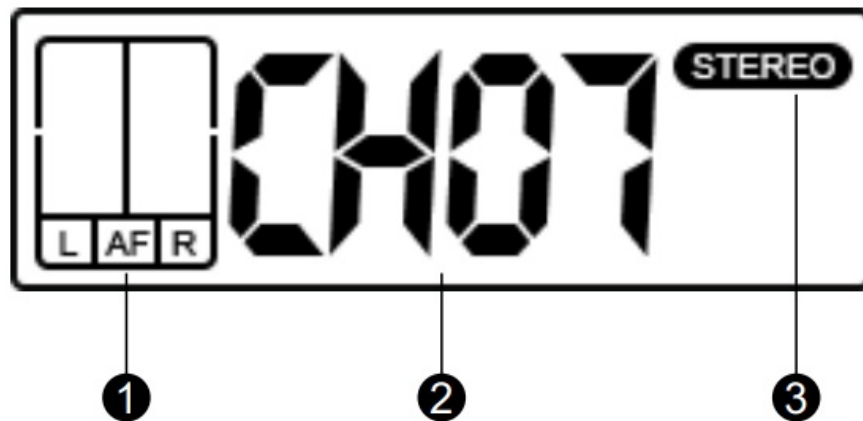
Transmitter

Front panel

1. MIC IN Jack: Connect to a microphone for real-time commun- ication.
2. Audio Output Jack (1/4 inch, TRS): Connect to a headphone, earphone, or wedge speaker for direct monitoring.
3. Output Level Control: Adjust the level of the output audio signal.
4. Prev Button: Short press to decrease the frequency channel.
5. SET Button: For switching between Stereo and Mono modes.
6. Next Button: Short press to increase the frequency channel.
7. Input Level Control: Adjust the overall level of the input audio signal.

8. Power Button
9. LCD Display: Displays AF signal, frequency channel, and monitoring mode.

   Rear panel

10. Power Jack
11. 1/4″ Mixed Output: Connect to mixers, recording devices, or external speakers to output a combined audio signal from all inputs.
12. VOL.L Knob: Adjust the balance of the left channel input audio.
13. Audio Input Jacks (XLR and 1/4″ combo): Connect to mixer outputs or other audio sources for monitoring.
14. VOL.R Knob: Adjust the balance of the right channel input audio.
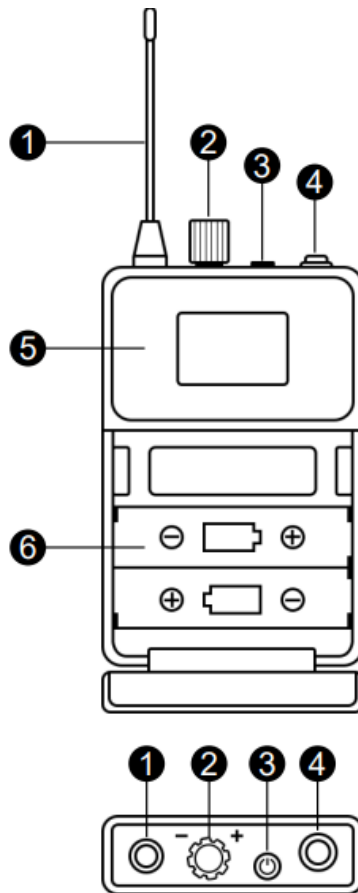15. Antenna

Transmitter display

1. AF Signal Indicator: Indicates the input audio signal of the left and right channels.
2. Frequency Channel Number
3. Mode Indicator: Indicates the mono or stereo mode.
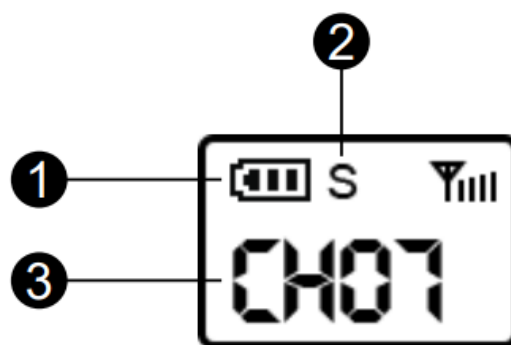
Bodypack Receiver

1. Antenna
2. Volume Control: Twist the knob clockwise/counterclockwise to increase/decrease the volume.
3. Power Button: Long press to power on/off, short press to switch between stereo/mono mode.
4. PHONE Jack
5. LCD Display

6. Battery Compartment

Receiver display

1. Battery Indicactor
2. Mode Indicator: "S" indicates stereo mode; "M" indicates mono mode.
3. Frequency Channel Number

SYSTEM SETUP

Installation

1. Connect the audio source device to the audio input jacks of the transmitter using 6.35mm/XLR cables, and turn on the device.

2. Connect the power supply to the transmitter via the power jack and turn it on.

3. Turn on the bodypack receivers, and they will automatically pair with the transmitter.

TROUBLESHOOTING

Problem	Solution
No audio output from the headphones.	● Check that the headphones are properly plugged into the headphone jack. ● Ensure the audio source is correctly connected to audio inputs. ● Verify that the input level controls are not set too low. ● Confirm the system is powered on.
Distorted or noisy audio.	● Lower the input level using the input level control. ● Ensure all cables are securely connected and not damaged. ● Avoid placing the system near strong electromagnetic interference sources.
Uneven audio balance between left and right channels.	● Adjust the VOL.L and VOL.R knobs to balance the left and right channel levels. ● Ensure the audio source is outputting a proper stereo signal.

SPECIFICATIONS

Sample Rate	48kHz

Bit Depth	24Bit
Operating Range	60m/200ft
Frequency Response Range	20-20kHz
S/N Ratio	109dB
Audio Dynamic Range	103dB
Number of Channels	10
Frequency Range	530-580MHz

TECHNICAL SUPPORT & WARRANTY INFORMATION

- MELONARE warrants to the original consumer purchaser that the above unit is free from any defects in material or craftsmanship for 12 months from the date of the original purchase. If any such defect is discovered within the warranty period, Whitesand will repair or replace the unit free of charge, subject to verification of the defect or malfunction upon return to MELONARE .

- To the extent permitted by law, any applicable implied warranties, including warran-ties of merchantability and fitness, are hereby limited to 12 months from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. This warranty is in lieu of all other agreements and warranties, general or special, express or implied, and no representative or person, including a MELONARE dealer, agent, or employee, is authorized to assume for us any other liability in connection with the sale or use of this MELONARE product.

- Whereas some states do not allow limitations on how long implied warranties last or do not allow the exclusion of incidental or consequential damages, the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state

THIS WARRANTY IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. This system must be purchased from an authorized MELONARE dealer.
2. Items not covered: physical damage resulting from improper handling of the unit in transit from the factory by the shipper; defects caused by normal wear of the product (expendable parts are typically connectors, cables, potentiometers, switch-es, and similar components); damage or defects caused by abuse, neglect, accident, failure to connect or operate the unit in any way that does not comply with applicable technical or safety regulations, or improper, repair, excessive heat or humidity, alteration or unreasonable use of the unit, causing cracks, broken cases/housing or parts; damage caused by leaking batteries; finish or appearance items.

HOW TO OBTAIN SERVICE:

Please contact us at support@whitesandmic.com with any questions or concerns about your products, and a MELONARE representative will contact you to provide assistance.

FAQ

- **Q: Can I use multiple transmitters with this system?**

  A: Yes, you can use multiple transmitters with the SD-1 system, allowing for more versatile audio setups.
- **Q: How do I change between mono and stereo mode?**

  A: To switch between mono and stereo mode, press the corresponding button on the Bodypack Receiver. The display will indicate whether it is in mono or stereo mode.

Documents / Resources

MELONARE® USER MANUAL Stereo&Mono Wireless in Ear Monitor System SD-1	[MELONARE SD-1-2R Wireless in Ear Monitor System](#) [[pdf](#)] User Manual SD-1-2R, SD-1, SD-1-2R Wireless in Ear Monitor System, SD-1-2R, Wireless in Ear Monitor System, Ear Monitor System, Monitor System, System

References

- [User Manual](#)

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