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> Audio Array AM-W23 Magnetic Wireless Microphone User Manual

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Model: AM-W23 Duo (USB-C Rx)

1. PRODUCT OVERVIEW

The Audio Array AM-W23 is a magnetic wireless microphone system designed for high-quality audio recording with smartphones, tablets, laptops, and other compatible devices. It features 24-bit/48kHz audio capture, AI noise reduction, a magnetic clip for versatile wearing, and a portable charging pouch for extended battery life. This manual will guide you through the setup, operation, and maintenance of your AM-W23 microphone system.



Image: The Audio Array AM-W23 wireless microphone system, including two microphones, a USB-C receiver, and a charging pouch.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Charging Pouch
- 2x Wireless Microphones (Transmitters)
- 1x USB-C Receiver
- 1x USB A to C Charging Cable
- 1x USB-C to Lightning Adapter
- 1x User Manual (this document)

3. SETUP GUIDE

3.1. Initial Charging

Before first use, fully charge the charging pouch and microphones. Connect the USB A to C charging cable to the charging pouch and a power source (e.g., USB wall adapter, computer USB port). The indicator lights on the pouch and microphones will show charging status.



Image: The AM-W23 charging pouch with microphones inserted, illustrating the charging process. The system offers up to 50 hours of total battery life, with 10 hours from the dual mics and 40 hours from the charging case.

3.2. Connecting the Receiver

The AM-W23 receiver is designed for plug-and-play convenience.

- **For USB-C Devices (Android, iPad, Laptop):** Plug the USB-C receiver directly into your device's USB-C port.
- **For Lightning Devices (iPhone):** Attach the USB-C to Lightning adapter to the USB-C receiver, then plug the assembly into your iPhone's Lightning port.

The receiver does not require a separate power source and will draw power from your connected device.

Flexible Wearing Styles Magnetic Clip



Image: Illustration showing the USB-C receiver and the Lightning adapter, demonstrating compatibility with various devices including iPhones, Android phones, iPads, and laptops.

3.3. Automatic Pairing

Once the microphones are removed from the charging pouch and the receiver is connected to your device, the system will automatically pair within approximately 1 second. No manual pairing steps are required. A successful connection is indicated by a solid blue light on the microphone(s) and receiver.

4. OPERATING INSTRUCTIONS

4.1. Wearing the Microphone

The AM-W23 microphones feature a magnetic clip for easy attachment. Securely attach the microphone to your clothing, ensuring it is positioned close to your mouth for optimal sound capture. The magnetic design allows for flexible wearing styles.

RECOMMENDED BY INFLUENCERS



Image: A person wearing the AM-W23 microphone clipped to their shirt collar using its magnetic attachment, demonstrating a flexible wearing style.

4.2. Noise Cancellation

The AM-W23 features dual noise cancellation for clear audio in various environments. To activate or deactivate noise cancellation, press the yellow side button on the microphone. The integrated chip provides double noise reduction for pristine voice clarity.



Image: Visual representation of the AM-W23 microphone's one-tap noise cancelling feature, showing a reduction in ambient noise from 70dB to 45dB, resulting in a 25dB noise reduction.

4.3. Recording Audio

Once connected and paired, open your preferred audio or video recording application on your device. The AM-W23 will be recognized as the external audio input. Begin recording as you normally would within your application. The microphone

captures audio at 48 kHz/24-bit for professional quality.

One Tap Noise Canceling

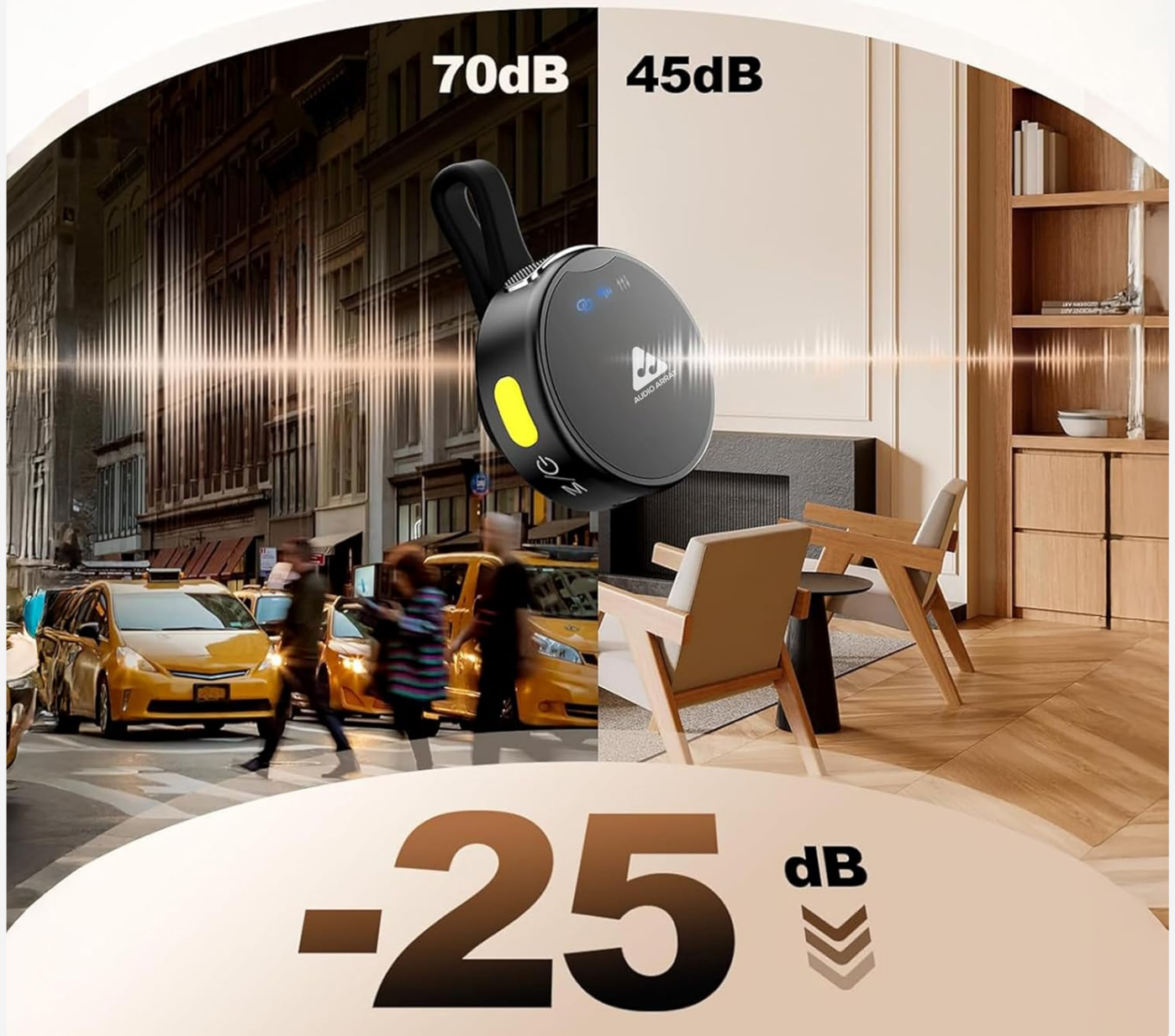


Image: Diagram illustrating the internal components of the AM-W23 microphone, highlighting its 48kHz/24-bit high-resolution audio quality, 65dB signal-to-noise ratio clarity, and 115dB maximum sound pressure level.

4.4. Wireless Range

The AM-W23 utilizes advanced 2.4 GHz digital transmission, providing a reliable wireless range of up to 230 feet (approximately 70 meters) in open environments. Maintain a clear line of sight between the microphone and receiver for optimal performance.

Widely Compatible

10 Hours from Dual Mics



USB Type-C Receiver

For iPhone 16/15/Samsung
/Oneplus /ipad/Macbook/
Action Camera



Lightning Receiver

For iPhone
14/13/12/11/XR/X/8/6



Image: A visual depicting the AM-W23 microphone's wireless range, showing a smartphone recording a skier from a distance of up to 70 meters.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Audio Array AM-W23 microphone system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the microphones, receiver, and charging pouch. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the microphones in the charging pouch to protect them and keep them charged. Store the entire system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the batteries frequently. For long-term storage, charge the batteries to about 50-70% to preserve battery health.
- **Avoid Moisture:** Do not expose the devices to water or high humidity.

6. TROUBLESHOOTING

If you encounter issues with your AM-W23 microphone system, refer to the following common problems and solutions:

Problem	Solution
No Sound/Microphone Not Detected	◦ Ensure the receiver is fully plugged into your device's port. ◦ Verify the microphones are powered on and paired (solid blue light). ◦ Check your device's audio input settings to ensure the external microphone is selected. ◦ Restart your recording application or device.
Poor Audio Quality/Static	◦ Ensure the microphone is positioned correctly and close to the sound source. ◦ Activate noise cancellation if in a noisy environment (press the yellow side button). ◦ Check for obstructions or excessive distance between the microphone and receiver. ◦ Ensure there are no strong electromagnetic interferences nearby.
Microphone Not Charging	◦ Ensure the microphones are correctly seated in the charging pouch. ◦ Verify the charging pouch itself is charged or connected to a power source. ◦ Try a different USB charging cable or power adapter.
Intermittent Connection	◦ Reduce the distance between the microphone and receiver. ◦ Ensure there are no physical barriers blocking the signal. ◦ Avoid environments with high Wi-Fi or other 2.4GHz wireless device interference.

7. SPECIFICATIONS

Feature	Detail
Model	AM-W23: Duo (USB-C Rx)
Audio Quality	24-bit/48kHz
Frequency Response	20000 Hz
Noise Cancellation	AI Noise Cancellation (Dual)
Connectivity	2.4 GHz Wireless, USB-C Receiver, Lightning Adapter
Maximum Operating Distance	230 Feet (approx. 70 meters)
Battery Life (Mics)	Up to 10 hours (per mic)
Battery Life (with Charging Pouch)	Up to 50 hours total
Item Weight	270 Grams
Product Dimensions (L x W x H)	9 x 5 x 5 Centimeters

Feature	Detail
Compatible Devices	iPhone, Android, iPad, Laptop, DSLR Camera
Special Features	AI Noise Cancellation, Lightweight, Magnetic Clips

8. WARRANTY AND SUPPORT

Warranty: Your Audio Array AM-W23 Magnetic Wireless Microphone comes with a 12-month limited warranty from the date of purchase. This warranty covers manufacturing defects and ensures your product performs as expected under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting, or warranty inquiries, please contact Audio Array customer support:

- **Phone:** +91 7996135111
- **Email:** support@audioarray.in
- **Manufacturer:** Audio Array, Cambium Retail Private Limited, 109 Hubtown Solaris, Professor NS Phadke Rd, Andheri East, Mumbai, Maharashtra 400069

Our support team is dedicated to providing responsive assistance to ensure your satisfaction with Audio Array products.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

