

Aokeo 854289008802

Aokeo Wireless Microphone System User Manual

Model: 854289008802

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Aokeo Wireless Microphone System. Designed for various applications including singing, karaoke, church events, and DJ performances, this system offers clear sound quality and stable signal transmission. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1.1: Aokeo Wireless Microphone System components, including the receiver and two handheld microphones.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Microphone x 2
- Receiver x 1
- Aerial x 2
- Anti-slip ring x 2
- Power cable x 1

- 6.35mm cable x 1
- AA battery (random) x 4
- Packing box x 1
- Manual x 1

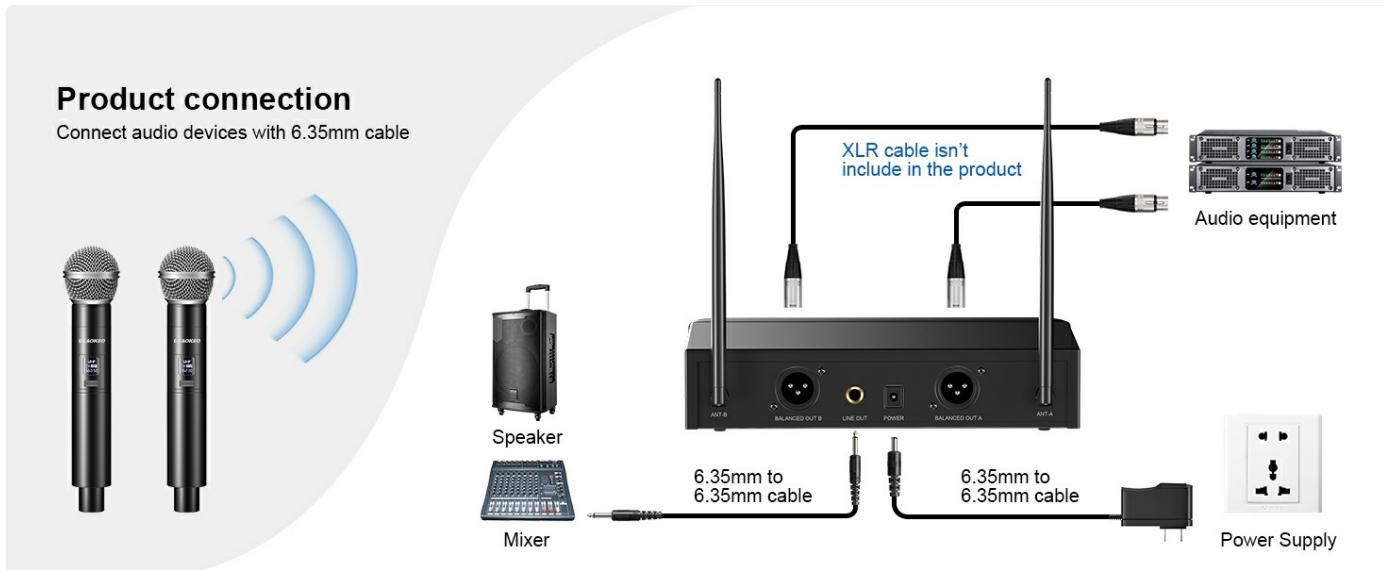


Figure 2.1: All components included in the Aoeko Wireless Microphone System package.

3. PRODUCT OVERVIEW

3.1 Receiver Features

The receiver unit is the central hub for the wireless microphone system, managing signal reception and output. It features individual volume controls for each microphone channel, an LED screen displaying frequency and signal strength, and various output ports for connection to audio equipment.

Multifunctional receiver



Figure 3.1: Front and rear view of the receiver with labeled components.

- **Microphone Output A/B:** Dedicated outputs for each microphone.
- **6.35mm Mic Plug:** Main audio output.
- **Power:** Power input port.
- **Aerial:** Antennas for stable signal reception.
- **Mic A/B Volume Adjustment:** Rotary knobs to control individual microphone volumes.
- **AF/RF Signal Light:** Indicators for audio frequency and radio frequency signals.
- **LED Screen:** Displays channel, frequency, and signal strength.
- **Power Switch:** Turns the receiver on/off.

3.2 Microphone Features

The handheld microphones are designed for clear audio capture and durability. They feature a metal mesh head with a blowout prevention sponge, an LED screen for channel display, and are powered by AA batteries.

Sturdy constructions

UHF handheld transmitter



Blowout prevention sponge



LED screen/Switch



Inlaid 2 AA batteries



Figure 3.2: Handheld microphone components.

- **Metal Mesh Head:** Protects the microphone capsule and helps reduce plosive sounds.
- **Blowout Prevention Sponge:** Integrated inside the mesh head to further reduce breath noise and plosives.
- **LED Screen/Switch:** Displays channel information and serves as the power button.
- **Battery Compartment:** Houses 2 AA batteries for power.

4. SETUP INSTRUCTIONS

Follow these steps to set up your Aokeo Wireless Microphone System:

1. **Connect the Receiver:** Plug the receiver into a power source using the provided power cable.
2. **Connect to Audio Source:** Use the 6.35mm cable to connect the receiver's output to your sound system (e.g., mixer, amplifier, karaoke machine, outdoor speaker). Ensure the connection is secure.



Product list

Microphone	X2
Receiver	X1
Aerial	X2
Anti-slip ring	X2
Power cable	X1
6.35mm cable	X1
AA battery (random)	X4
Packing box	X1
Manual	X1

Figure 4.1: Product connection diagram.

- 3. Insert Batteries into Microphones:** Open the battery compartment of each microphone and insert 2 AA batteries (included), ensuring correct polarity.
- 4. Power On:** Turn on the receiver using its power switch. Then, turn on each microphone using its power switch. The receiver and microphones will automatically synchronize their frequencies.
- 5. Adjust Volume:** Use the volume knobs on the receiver to adjust the output level of each microphone.

The system is now ready for use. For optimal performance, ensure the receiver's aerials are extended and positioned for best signal reception.

5. OPERATION GUIDE

5.1 Basic Usage

Once set up, the Aokeo Wireless Microphone System operates on a plug-and-play principle. The microphones and receiver automatically pair upon power-on. The system is designed for stable signal transmission up to 100 feet (approximately 30 meters) in an open outdoor environment, and up to 200 feet (approximately 60 meters) in an open space.

Powerful Wireless Range

Spread your voice stably up to 60m(200ft in an open space).



Figure 5.1: Wireless range capability.

5.2 Sound Quality and Noise Reduction

The system incorporates high-quality chips and automatic noise reduction to ensure clear, pure, and full sound quality. The dynamic microphones are designed for accurate sound pickup, reproducing human voices and instruments effectively.

Dynamic Microphone Accurate pickup sound

Dynamic Microphone Accurate pickup sound



Figure 5.2: Dynamic microphone sound pickup and noise reduction.

5.3 Wide Compatibility

The Aokeo Wireless Microphone System is compatible with a variety of audio equipment featuring a 6.35mm interface. This includes karaoke machines, mixers, power amplifiers, outdoor speakers, sound cards, and other multimedia equipment.



Wide Compatibility

Note: The product does not include a microphone stand.

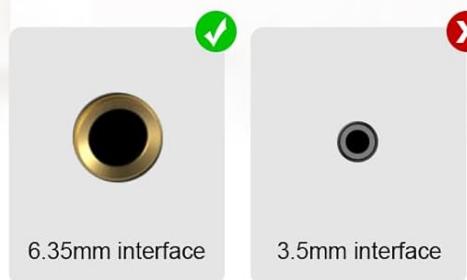


Figure 5.3: Compatible devices and interface types.

Note: To connect to mobile phones, computers, or tablets, an additional 3.5mm (1/8") interface adapter is needed, which is not included in the package.

6. MAINTENANCE AND CARE

- Cleaning:** Use a soft, dry cloth to clean the microphones and receiver. Avoid using liquid cleaners or solvents, as they may damage the components.
- Battery Replacement:** Replace AA batteries in the microphones when the power indicator shows low battery or when performance degrades. Ensure to use new, high-quality alkaline AA batteries for optimal battery life (over 8 hours of continuous use).
- Storage:** When not in use for extended periods, remove batteries from the microphones to prevent leakage. Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- Handling:** Handle microphones and receiver with care. Avoid dropping or subjecting them to strong impacts, which can damage internal components.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	<ul style="list-style-type: none">◦ Microphone/Receiver not powered on.◦ Low or dead batteries in microphone.◦ Incorrect connection to audio system.◦ Volume on receiver or audio system too low.◦ Microphone and receiver not paired.	<ul style="list-style-type: none">◦ Ensure both microphone and receiver are powered on.◦ Replace AA batteries in the microphone.◦ Check all cable connections between receiver and audio system.◦ Increase volume on receiver and connected audio system.◦ Power cycle both microphone and receiver to re-establish connection.
Intermittent sound or signal dropouts	<ul style="list-style-type: none">◦ Microphone too far from receiver.◦ Obstructions between microphone and receiver.◦ Interference from other wireless devices.◦ Low microphone battery.	<ul style="list-style-type: none">◦ Reduce distance between microphone and receiver.◦ Ensure clear line of sight between microphone and receiver.◦ Move away from other wireless devices (Wi-Fi routers, other wireless mics).◦ Replace microphone batteries.
Poor sound quality (distortion, static)	<ul style="list-style-type: none">◦ Input level too high on receiver or audio system.◦ Environmental interference.◦ Damaged cable.	<ul style="list-style-type: none">◦ Lower the volume/gain on the receiver or connected audio system.◦ Relocate the system to an area with less interference.◦ Try a different 6.35mm cable.

8. SPECIFICATIONS

- **Brand:** Aokeo
- **Model Number:** 854289008802
- **Microphone Form Factor:** Handheld
- **Power Source:** Battery Powered (4 AA batteries required, included)
- **Signal-to-Noise Ratio:** 80 dB
- **Number of Channels:** 2
- **Noise Level:** 70 dB
- **Item Weight:** 2.9 pounds
- **Package Dimensions:** 13.86 x 10.83 x 2.24 inches
- **Connectivity Technology:** UHF Wireless
- **Connector Type:** 6.35 mm Jack (for receiver output)
- **Special Feature:** Volume Control

- **Recommended Uses:** Indoor/Outdoor
- **Polar Pattern:** Unidirectional (Cardioid)
- **Audio Sensitivity:** 120 dB

9. WARRANTY AND SUPPORT

Aokeo provides **12 months of after-sales service** for this product. If you encounter any issues with your Aokeo Wireless Microphone System, please contact our customer support. We are committed to assisting you and will replace your product with a new one if necessary.

For support, please refer to the contact information provided on the product packaging or the official Aokeo website.

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Related Documents

	<p><u>Aokeo PG58 Wireless Microphone User Manual</u></p> <p>User manual for the Aokeo PG58 wireless microphone, detailing product features, specifications, connection instructions, and customer notices.</p>
	<p><u>Aokeo AK-55 Boom Arm Stand Installation and Usage Guide</u></p> <p>A comprehensive guide to installing and using the Aokeo AK-55 Boom Arm Stand, including product list, installation steps, and important notes for optimal microphone setup.</p>
	<p><u>Aokeo AK-35 Microphone Stand User Manual</u></p> <p>User manual for the Aokeo AK-35 microphone stand, detailing product features, function description, installation steps, and important notes for proper usage and setup.</p>