

7RYMS WA2

7RYMS WA2 Voice Amplifier with Wireless Lavalier Microphone User Manual

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your 7RYMS WA2 Voice Amplifier with Wireless Lavalier Microphone. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The 7RYMS WA2 is a portable voice amplifier system designed for clear and effective vocal projection. It features a wireless lavalier microphone for hands-free operation and advanced noise-canceling technology.



Figure 1: The 7RYMS WA2 system, including the portable voice amplifier and the compact wireless lavalier microphone.

Key Features:

- **Wireless Transmission:** Utilizes 2.4G automatic frequency modulation for stable connection up to 164 feet (50 meters).
- **High-Volume Speaker:** Equipped with a 65mm rare earth internal magnetic speaker for balanced, high-fidelity sound.

65mm Speaker with High Volume

The large-size rare earth internal magnetic speaker design provides excellent sound quality.



Figure 2: A detailed view of the 65mm speaker, emphasizing its high volume capability and 50-meter coverage area.

- **DSP AI Denoise Chip:** Integrates advanced AI denoise technology to reduce background noise and prevent howling.

DSP AI Intelligent Denoise Chip

It can calculate dynamics to reduce noise and prevent howling effectively in real time.



Figure 3: An internal view highlighting the DSP AI Intelligent Denoise Chip for real-time noise reduction and howling prevention.

- **Wireless Accompaniment & AUX Input:** Supports external audio input for versatile applications.
- **LED Digital Screen:** High-efficiency display for clear status updates.
- **User-Friendly Controls:** Features one-click muting and 10-level volume adjustment.
- **Extended Battery Life:** Amplifier offers up to 23 hours, and the lavalier microphone up to 7 hours of continuous use.

High-performance Lithium Battery

Ultra-long Battery Life Up to 23 Hours/28 Days



Figure 4: Battery performance: up to 23 hours for the amplifier (2000mAh) and 7 hours for the lavalier microphone (97mAh).

- **High-Sensitivity Microphone:** 9.7mm large-size condenser mic capsule for clear sound pickup.



Figure 5: The 7RYMS WA2 amplifier is suitable for various applications including teaching, tour guiding, public speaking, and shopping assistance.

PACKAGE CONTENTS

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

- Wireless Headset (TX) x 1
- Amplifier (RX) x 1
- Strap x 1
- Charging Cable x 1

- User Manual x 1

SETUP GUIDE

1. Charging the Devices

Before first use, fully charge both the amplifier and the wireless lavalier microphone.

- Connect the charging cable to the charging port on the amplifier (RX) and a suitable USB power adapter.
- Connect the charging cable to the charging port on the wireless headset (TX) and a suitable USB power adapter.
- The LED indicator will show charging status and turn off or change color when fully charged.

2. Powering On/Off

- **Amplifier (RX):** Press and hold the power button until the LED screen illuminates.
- **Wireless Headset (TX):** Press and hold the power button until the indicator light turns on.
- To power off, press and hold the power button on each device until the indicators turn off.

3. Automatic Pairing

The amplifier and wireless headset are pre-paired at the factory. If re-pairing is needed:

- Ensure both devices are powered on and within close proximity.
- The devices should automatically connect. A successful connection is indicated by a stable light on the headset and a specific icon on the amplifier's LED screen.

OPERATING INSTRUCTIONS

1. Wearing the Microphone

The wireless lavalier microphone can be worn using its integrated clip or magnetic attachment.

9.7mm Large Size Condenser Mic

High sensitivity, Low distortion, and Strong directivity.



Figure 6: The 9.7mm large-size condenser microphone can be attached magnetically or clipped onto clothing for hands-free use. It weighs approximately 7 grams.

For optimal sound pickup, aim the microphone capsule towards the sound source.

2. Volume Adjustment

Adjust the amplifier's volume using the dedicated volume wheel or buttons. The LED screen will display the current volume level.



Figure 7: The amplifier features a stepless volume adjustment wheel, a one-click muting function, and a high-efficiency LED digital screen displaying battery percentage and other status indicators.

3. Muting Function

Press the mute button on the wireless headset (TX) to temporarily mute the microphone. Press it again to unmute.

4. Using AUX Audio Input



The amplifier supports external audio input via the AUX port. This allows connection to devices like mobile phones, tablets, or computers for playing background music or other audio.

Wireless Accompaniment and AUX Audio input

Widely compatible with mobile phones, tablets, computers, etc.



Mobile Phones

AUX Mobile Phones Audio input





Tablets


AUX Tablets Audio Input





Computers

AUX Computers Audio Input





3.5mm Output



If your device does not have a 3.5mm output, please prepare an adapter by yourself

Figure 8: The 7RYMS WA2 amplifier supports wireless accompaniment and AUX audio input, making it compatible with various devices such as mobile phones, tablets, and computers. A 3.5mm output is required for AUX connection.

5. Wireless Accompaniment

The device supports wireless accompaniment, allowing you to play audio wirelessly from a compatible source while using the microphone.

MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Store the amplifier and microphone in a cool, dry place away from direct sunlight and extreme

temperatures.

- Avoid dropping, colliding, or pounding the device, as it is a high-precision instrument.

TROUBLESHOOTING

1. Howling Sound

If you experience a howling sound:

- Do not place the wireless headset next to the amplifier when in use.
- Ensure the amplifier's external mic port is only used with cardioid mics specifically designed for amplifiers. Common lavalier mics may cause howling.
- Reduce the volume if the howling persists.

2. Microphone Not Connecting

If the wireless headset does not connect:

- Ensure both the amplifier and the headset are fully charged and powered on.
- Verify that the headset has not automatically turned off after 30 minutes of inactivity if not connected. Power it on again.
- Ensure devices are within the 164ft (50m) operating range.

3. Poor Sound Quality

- Ensure the microphone capsule is aimed directly at the sound source.
- Check for any obstructions between the microphone and the amplifier.
- Avoid using the device near sources of heat or interference (e.g., radiators, ovens, refrigerators, air conditioners).

SPECIFICATIONS

Feature	Detail
Brand	7RYMS
Model	WA2
Wireless Technology	2.4G Automatic Frequency Modulation
Working Range	Up to 164 ft (50 meters)
Speaker Size	65mm
Microphone Type	9.7mm Large-size Condenser Mic
Amplifier Battery Capacity	2000mAh Lithium Ion
Amplifier Battery Life	Up to 23 hours
Lavalier Mic Battery Capacity	95mAh Lithium Ion
Lavalier Mic Battery Life	Up to 7 hours

Item Weight	300 g
Package Dimensions	10 x 8.2 x 3.2 cm

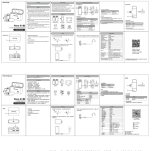

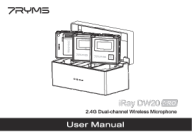

IMPORTANT NOTICES AND SAFETY INFORMATION



- Always aim the microphone capsule at the sound source for optimal recording.
- The wireless headset will automatically power off if not connected within 30 minutes.
- Avoid placing the headset next to the amplifier during use to prevent howling.
- The amplifier's external microphone port is designed for cardioid microphones specifically used with amplifiers. Using common lavalier microphones may cause howling.
- This product is a high-precision device; protect it from falls, collisions, or impacts.
- Do not use this device near heat sources or sources of interference, such as radiators, ovens, refrigerators, or air conditioners.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official 7RYMS website. Keep your purchase receipt as proof of purchase.

Related Documents - WA2

	<p>7RYMS Rimo S1 LN Wireless Microphone System User Manual</p> <p>Comprehensive user manual for the 7RYMS Rimo S1 LN 2.4G Dual-channel Wireless Microphone System. Learn about features, specifications, usage, and troubleshooting for this iPhone-compatible lavalier microphone.</p>
	<p>7RYMS iRay UW10 UHF Wireless Microphone System - User Guide</p> <p>Comprehensive user guide for the 7RYMS iRay UW10 broadcasting-level multi-functional mini UHF wireless microphone system. Learn about features, installation, operation, and troubleshooting.</p>
	<p>7RYMS iRay DW20 PRO 2.4G Dual-channel Wireless Microphone User Manual</p> <p>Comprehensive user manual for the 7RYMS iRay DW20 PRO, a 2.4G dual-channel wireless microphone system. Learn about its features, components, installation, usage, and specifications for optimal audio recording.</p>
	<p>7RYMS iRay DW40 User Manual: Four-Channel Mini Wireless Microphone Guide</p> <p>This user manual for the 7RYMS iRay DW40 four-channel mini wireless microphone system provides comprehensive guidance on its features, components, installation, usage, and specifications. It details how to set up and operate the device for high-quality audio recording across various platforms like cameras, smartphones, and PCs, emphasizing its low latency and extended range.</p>

<div><div>7RYMS</div><div><div>MinBo Mini Compact Cardioid Condenser On-Camera Microphone</div><div>User Guide</div></div></div>	<p>7RYMS MinBo Mini Compact Cardioid Condenser On-Camera Microphone User Guide</p> <p>User guide for the 7RYMS MinBo Mini, a compact cardioid condenser on-camera microphone. Details features, item checklist, installation, operation, and technical specifications.</p>
<div><div>7RYMS</div><div><div>iRay DW40 Four-channel Mini Wireless Microphone</div><div>User Manual</div></div></div>	<p>7RYMS iRay DW40 Four-channel Mini Wireless Microphone User Manual</p> <p>Comprehensive user manual for the 7RYMS iRay DW40 four-channel mini wireless microphone system, detailing features, packing list, component descriptions, installation, usage, specifications, and regulatory information.</p>