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Miwayer WM-20

Miwayer WM-20 Wireless In-Ear Monitor Receiver User Manual

Model: WM-20 | Brand: Miwayer

1. Introduction

Thank you for choosing the Miwayer WM-20 Wireless In-Ear Monitor Receiver. This device is designed to provide clear, reliable audio monitoring for various applications, including stage performances, studio recordings, and band rehearsals. This manual will guide you through the setup, operation, and maintenance of your WM-20 receiver to ensure optimal performance.

2. Product Overview

The Miwayer WM-20 is a compact and lightweight wireless in-ear monitor receiver, part of a 5.8G wireless IEM system. It is engineered for stable, interference-free audio transmission, delivering high-quality stereo sound. Its automatic pairing feature simplifies setup, allowing you to quickly connect to a compatible 5.8G transmitter.

Key Features:

- **5.8G Wireless Technology:** Ensures stable and interference-free audio transmission.
- **Automatic Pairing:** Facilitates hassle-free connection with compatible transmitters.
- **Stereo Audio:** Delivers high-quality stereo sound for immersive monitoring.
- **Compact and Lightweight Design:** Offers discreet and comfortable use.
- **3.5mm Headphone Jack:** Standard connection for in-ear monitors or headphones.
- **Versatile Application:** Suitable for studio recording, band rehearsals, and live performances.



Figure 2.1: The Miwayer WM-20 Receiver, showcasing its compact and lightweight design for portability and comfortable use.



Figure 2.2: The WM-20 Receiver, highlighting its advanced internal components for stable signal and lossless sound quality transmission.

3. Setup Instructions

Follow these steps to set up your Miwayer WM-20 Receiver:

1. **Charge the Receiver:** Before first use, fully charge the WM-20 receiver using the provided USB-C cable. The battery charge time is approximately 6 hours.
2. **Connect In-Ear Monitors/Headphones:** Plug your 3.5mm in-ear monitors or headphones into the 3.5mm jack on the WM-20 receiver.
3. **Power On:** Press and hold the power button on the receiver to turn it on.
4. **Automatic Pairing:** Ensure your compatible 5.8G wireless transmitter is also powered on and transmitting. The WM-20 receiver will automatically pair with the transmitter. A successful connection is usually indicated by a stable LED light on the receiver.
5. **Adjust Volume:** Use the volume controls on the receiver to set your desired monitoring level.



Figure 3.1: The WM-20 Receiver connected to a sound card via its 3.5mm audio jack, illustrating a typical setup for monitoring.

4. Operating Instructions

Once set up, operating your WM-20 receiver is straightforward:

- **Power On/Off:** Press and hold the power button for approximately 3 seconds to turn the unit on or off.
- **Volume Control:** Use the dedicated volume buttons (or touch controls, if applicable) to increase or decrease the monitoring volume.
- **Monitoring:** The receiver provides real-time, low-latency audio from the paired transmitter. Ensure your in-ear monitors are properly seated for optimal sound isolation and clarity.
- **Usage Scenarios:** The WM-20 receiver is suitable for various professional audio environments, including live stage performances, studio recording sessions, band rehearsals, and live broadcasts.



Figure 4.1: Examples of the WM-20 Receiver in use across different professional audio applications, including stage and studio environments.

5. Maintenance

To ensure the longevity and optimal performance of your WM-20 receiver, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the receiver in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Battery Care:** To preserve battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.

- **Avoid Moisture:** Keep the receiver away from water and high humidity to prevent damage to internal components.

6. Troubleshooting

If you encounter issues with your WM-20 receiver, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound	◦ Receiver not powered on. ◦ Not paired with transmitter. ◦ Volume too low. ◦ Headphones not connected or faulty. ◦ Transmitter not sending audio.	◦ Ensure receiver is powered on. ◦ Verify pairing with the transmitter (check LED indicator). ◦ Increase receiver volume. ◦ Check headphone connection and test with another pair. ◦ Ensure transmitter is powered on and receiving audio input.
Intermittent Audio / Static	◦ Interference from other 5.8G devices. ◦ Receiver too far from transmitter. ◦ Low battery on receiver or transmitter.	◦ Move away from other wireless devices. ◦ Reduce distance between receiver and transmitter. ◦ Charge both receiver and transmitter.
Receiver Not Charging	◦ Faulty USB-C cable or power adapter. ◦ Charging port obstruction.	◦ Try a different USB-C cable and power adapter. ◦ Inspect the charging port for debris.

7. Specifications

Brand	Miwayer
Model	WM-20 Receiver
Wireless Technology	5.8G RF Wireless
Ear Placement	In Ear
Headphones Jack	3.5 mm Jack
Control Method	Touch
Battery Charge Time	Approximately 6 hours
Item Weight	0.06 kg
Compatible Devices	Transmitters supporting 5.8G wireless technology
Additional Features	Fast Charging, Multipoint Pairing, Surround Sound, Volume Control

8. Warranty and Support

Warranty Information:

The Miwayer WM-20 Receiver comes with a **Two-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Miwayer customer support. You can find more information and contact details by visiting the official Miwayer store or website:

Visit the Miwayer Store on Amazon

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