M VAVE WP-9

M VAVE WP-9 Wireless In-Ear Monitor System User Manual

Model: WP-9

Introduction

The M VAVE WP-9 Wireless In-Ear Monitor System is designed to provide musicians, performers, and audio engineers with a reliable and high-quality audio monitoring solution. Utilizing a 2.4GHz ISM frequency band, this system ensures stable, low-latency audio transmission for live performances, band practice, and studio recording environments. Its auto-pairing feature and support for multiple receivers make it versatile and user-friendly.

Package Contents

Please check the package to ensure all items are present and in good condition.

- 1 x M VAVE WP-9 Transmitter
- 1 x M VAVE WP-9 Receiver
- 1 x USB Charging Cable
- 1 x 3.5mm Audio Cable
- 1 x User Manual (this document)



Image: Contents of the M VAVE WP-9 package, showing the transmitter, receiver, USB charging cable, and 3.5mm audio cable.

Product Overview

Familiarize yourself with the components and controls of the WP-9 system.

Transmitter (TX)



Image: Front view of the M VAVE WP-9 Transmitter (left) and Receiver (right), showing the M-VAVE logo, unit type, and a large circular power/status button.

- **Power/Status Button:** Large circular button for power on/off and status indication.
- **Battery Indicator LEDs:** Four small LEDs indicating battery level.
- **Stereo/Mono Switch:** Button to toggle between stereo (green light) and mono (blue light) audio modes.
- **Pair Button:** Used for pairing the transmitter with receivers.
- **Mute Button:** To mute the audio output.
- **3.5mm Input Jack:** For connecting audio sources.
- **USB-C Charging Port:** For charging the internal battery.

Receiver (RX)



Image: Front and back view of the M VAVE WP-9 Receiver. The front shows the M-VAVE logo, "Receiver" label, and power/status button. The back shows a belt clip and regulatory markings.

- **Power/Status Button:** Large circular button for power on/off and status indication.
- **Battery Indicator LEDs:** Four small LEDs indicating battery level.
- **Volume Up (Vol+) Button:** Increases the monitoring volume.
- **Volume Down (Vol-) Button:** Decreases the monitoring volume.
- **Pair Button:** Used for pairing the receiver with the transmitter.
- **Stereo/Mono Switch:** Button to toggle between stereo (green light) and mono (blue light) audio modes.
- **3.5mm Output Jack:** For connecting headphones or in-ear monitors.
- **USB-C Charging Port:** For charging the internal battery.
- **Belt Clip:** For convenient attachment to clothing or straps.



Image: Angled view of the M VAVE WP-9 Transmitter and Receiver, highlighting the side buttons for Stereo, Mono, Pair, Volume (on receiver), and Mute (on transmitter).

Setup Guide

1. Charging the Devices

Before first use, fully charge both the transmitter and receiver.

1. Connect the supplied USB charging cable to the USB-C port on both the transmitter and receiver.
2. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer's USB port.
3. The battery indicator LEDs will show charging status. All four LEDs will illuminate steadily when fully charged.

2. Powering On/Off

- **To Power On:** Press and hold the large circular Power/Status button on both the transmitter and receiver until the

indicator light illuminates.

- **To Power Off:** Press and hold the large circular Power/Status button on both devices until the indicator light turns off.

3. Pairing the Transmitter and Receiver

The WP-9 system features automatic pairing. Follow these steps to establish a connection:

1. Ensure both the transmitter and receiver are powered off.
2. Simultaneously press and hold the "PAIR" buttons on both the transmitter and receiver.
3. Continue holding until the green indicator lights on both units stop flashing and remain solid, indicating a successful pairing.
4. Once paired, the devices will automatically connect when powered on in the future.

4. Connecting Audio Devices

- **Transmitter:** Connect your audio source (e.g., mixer, instrument, audio interface) to the 3.5mm input jack of the transmitter using the supplied 3.5mm audio cable or another compatible cable.
- **Receiver:** Connect your in-ear monitors or headphones to the 3.5mm output jack of the receiver.

Operating Instructions

Mono/Stereo Mode Selection

The WP-9 supports both mono and stereo audio transmission. Ensure your audio source is stereo if you intend to use stereo mode.

- Press the "Stereo/Mono" button on both the transmitter and receiver to switch between modes.
- A **green light** indicates Stereo mode.
- A **blue light** indicates Mono mode.

Adjusting Volume (Receiver)

Use the volume buttons on the receiver to adjust your monitoring level.

- Press **Vol+** to increase volume.
- Press **Vol-** to decrease volume.
- The five volume indicator lights on the receiver will show the current volume level.

Mute Function (Transmitter)

Press the "Mute" button on the transmitter to temporarily silence the audio transmission to all connected receivers.

One-to-Many Operation

The WP-9 system supports connecting one transmitter to multiple receivers simultaneously, ideal for bands or multiple performers. Up to 4 sets of devices can work at the same time without interference.

1. Pair the primary transmitter with the first receiver as described in the "Pairing" section.
2. To add additional receivers, power on the new receiver and the already paired transmitter.
3. Press and hold the "PAIR" button on the new receiver until it connects to the active transmitter.
4. Repeat for all additional receivers.

Troubleshooting

Problem	Possible Cause	Solution
No sound from receiver.	Device not powered on. Not paired correctly. Low battery. Volume too low. Audio cable not connected or faulty. Transmitter muted.	Ensure both transmitter and receiver are powered on. Re-pair the transmitter and receiver. Charge both devices fully. Increase receiver volume using Vol+ button. Check all audio cable connections and try a different cable. Press the Mute button on the transmitter to unmute.
Intermittent audio or static.	Out of range. Interference from other 2.4GHz devices. Obstructions (walls, large objects).	Move closer to the transmitter. Move away from Wi-Fi routers, microwaves, or other 2.4GHz devices. Ensure a clear line of sight between transmitter and receiver if possible.
Cannot pair devices.	Incorrect pairing procedure. Devices too far apart during pairing.	Ensure both devices are off, then simultaneously press and hold PAIR buttons until green light is solid. Keep devices close together during the pairing process.
Short battery life.	Battery degradation over time. Not fully charged.	Ensure devices are fully charged before use. Consider replacing the unit if battery life significantly degrades after extended use.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surface of the devices. Do not use liquid cleaners or aerosols.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the devices frequently. Charge them regularly, even if not in use for extended periods.
- **Avoid Drops:** Protect the devices from physical shocks and drops, which can damage internal components.

Specifications

Feature	Detail
Operating Band	2.4GHz ISM frequency band
Latency	Stereo <10.8ms, Mono <4.5ms
Effective Range	30 meters (outdoor), 20 meters (through wall)
Usage Time	Up to 6 Hours
Transmitter Battery Capacity	780mA

Feature	Detail
Receiver Battery Capacity	550mA
Soundtrack Modes	Stereo (green light), Mono (blue light)
Simultaneous Devices	Supports up to 4 sets working simultaneously
Interface	3.5mm audio jack
Dimensions (Package)	4.57 x 2.91 x 1.46 inches
Item Weight	5 ounces
Color	Black
Impedance	1 Ohm

Warranty and Support

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or contact the retailer where you purchased the product.
For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact M VAVE customer service through their official website or the contact information provided with your purchase.

© 2025 M VAVE. All rights reserved.

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