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## M-VAVE MVA-WP12

# M-Vave WP12 Wireless Guitar System User Manual

Model: MVA-WP12 | Brand: M-VAVE

## 1. Introduction

This manual provides comprehensive instructions for the M-Vave WP12 Wireless Guitar System. Designed for musicians, this system offers lossless, professional sound quality with advanced 2.4GHz wireless technology. It ensures high-resolution 24bit/48kHz audio transmission with minimal latency and clear sound, providing freedom of movement up to 30 meters. The WP12 supports connecting one transmitter to multiple receivers, making it suitable for various applications including band rehearsals, live performances, and studio recording.

## 2. Product Overview

### 2.1 Components

The M-Vave WP12 Wireless Guitar System includes the following components:

- 1 x Transmitter unit
- 2 x Receiver units
- 1 x USB charging cable
- 1 x User Manual (this document)

### 2.2 Key Features

- Professional, lossless sound quality with 24bit/48kHz resolution.
- 2.4 GHz wireless technology for clear, stable transmission.
- Up to 30 metres (98 feet) range for maximum freedom of movement.
- One transmitter supports multiple receivers simultaneously.
- Transmitter battery life: up to 24 hours.
- Receiver battery life: up to 6 hours.
- Four operating modes: left channel, right channel, stereo, and mute.
- Receiver volume control and mute function.
- Transmitter one-button mute function.

### 2.3 Product Visuals




Figure 1: The M-Vave WP12 Wireless Guitar System, showing the main transmitter unit with two receiver units docked for charging or storage.




Figure 2: Individual components of the WP12 system, displaying the transmitter unit and the two separate receiver units.




Figure 3: A top-down perspective of the transmitter unit with both receivers securely docked, highlighting the compact design.




Figure 4: The transmitter unit with one receiver docked and the other receiver shown separately, illustrating how the units can be used independently.




Figure 5: An angled view of the system, showing the transmitter with one receiver removed, providing a clearer look at the charging slots.




Figure 6: All main components of the M-Vave WP12 system laid out, including the transmitter and both receiver units.

# 3. Setup

## 3.1 Initial Charging

Before first use, fully charge both the transmitter and receiver units. Connect the provided USB charging cable to the transmitter unit, and then connect the other end to a standard USB power adapter (not included). The receivers charge when docked in the transmitter. Charging indicators will illuminate to show progress.

## 3.2 Connecting the System

1. **Power On:** Press and hold the power button on the transmitter until the indicator lights illuminate. Similarly, power on each receiver unit.
2. **Pairing:** The WP12 system is designed for automatic pairing. When the transmitter and receivers are powered on and within range, they should automatically establish a connection. Look for a stable indicator light on both units, typically indicating a successful connection. If pairing does not occur automatically, press the "PAIR" button on the receiver and the corresponding button on the transmitter (if available, otherwise power cycle both units).

3. **Connect to Instrument/Audio Source:** Plug the transmitter into your guitar or other audio output device.
4. **Connect to Amplifier/Mixer:** Plug the receiver(s) into your amplifier, mixer, or audio interface.

## 4. Operating Instructions

### 4.1 Operating Modes

The WP12 system offers four distinct operating modes to suit various audio setups:

- **Left Channel Mode:** Audio is transmitted to the left channel of the receiver output.
- **Right Channel Mode:** Audio is transmitted to the right channel of the receiver output.
- **Stereo Mode:** Audio is transmitted in stereo, utilizing both left and right channels.
- **Mute Mode:** Disables audio transmission.

Refer to the receiver unit's controls to switch between these modes. The specific method for mode selection (e.g., short press, long press of a button) will be indicated on the device or in quick start guides.

### 4.2 Volume Control and Mute

- **Receiver Volume:** Each receiver unit features dedicated volume controls (VOL+ / VOL-) to adjust the output level.
- **Receiver Mute:** The receiver also allows for muting the audio output.
- **Transmitter Mute:** The transmitter unit includes a one-button mute function for quick silencing of the input signal.

### 4.3 Multi-Receiver Operation

The M-Vave WP12 allows a single transmitter to broadcast to multiple receiver units simultaneously. This is ideal for scenarios requiring multiple monitoring points or distributing the audio signal to different destinations. Ensure all receivers are paired with the same transmitter for this functionality.

## 5. Charging and Battery Life

The M-Vave WP12 system is equipped with rechargeable Lithium Ion batteries.

- **Transmitter Battery Life:** Up to 24 hours on a full charge.
- **Receiver Battery Life:** Up to 6 hours on a full charge.

To charge, connect the USB charging cable to the transmitter. The receivers charge automatically when docked in the transmitter. Battery indicator lights on the units will show the charging status and remaining battery level. For optimal battery longevity, avoid fully discharging the units frequently.

## 6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Do not use liquid cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, charge the batteries to approximately 50% every few months to prevent deep discharge.
- **Avoid Moisture:** Keep the units away from water and high humidity to prevent damage to internal electronics.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| No sound output. | Units not powered on.<br>Low battery.<br>Units not paired.<br>Mute function activated.<br>Incorrect mode selected.<br>Out of range. | Ensure both transmitter and receiver are powered on.<br>Charge both units fully.<br>Re-pair the transmitter and receiver.<br>Deactivate mute on both transmitter and receiver.<br>Select the appropriate operating mode (Left, Right, or Stereo).<br>Move units closer together (within 30m). |
| Intermittent signal or static. | Interference from other 2.4GHz devices.<br>Obstructions between units.<br>Low battery. | Move away from Wi-Fi routers, microwaves, or other 2.4GHz devices.<br>Ensure a clear line of sight between transmitter and receiver.<br>Charge both units. |
| Receivers not charging. | Transmitter not connected to power.<br>Receivers not properly docked.<br>Faulty USB cable. | Ensure the transmitter is connected to a working USB power source.<br>Re-seat the receivers firmly in their charging slots.<br>Try a different USB charging cable. |

## 8. Specifications

| Feature | Detail |
|---|---|
| Model Name | WP-12 In Ear System |
| Item Model Number | MVA-WP12 |
| Brand | M-VAVE |
| Wireless Communication Technology | RF (2.4GHz) |
| Audio Resolution | 24bit/48kHz |
| Transmission Range | Up to 30 meters (98 feet) |
| Transmitter Battery Life | Up to 24 hours |
| Receiver Battery Life | Up to 6 hours |
| Battery Type | Lithium Ion |
| Included Components | 1 x transmitter, 2 x receivers, USB charging cable, Manual |
| Item Weight | 149 g |
| Package Dimensions | 10.9 x 6.5 x 4.7 cm |
| Colour | black |

## 9. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or contact the manufacturer/seller directly.
The product box indicates "Imported by musicpartner.com". For further assistance, you may visit their website or contact their support channels.




Figure 7: Back of the product packaging, displaying key features and a QR code for additional information or support. The text "USER

MANUAL" and "SK20250410760" are visible.

Please retain your proof of purchase for any warranty claims.

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