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## M-VAVE WP-1

# M-VAVE WP-1 2.4GHz Wireless Guitar System Instruction Manual

Model: WP-1

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your M-VAVE WP-1 2.4GHz Wireless Guitar System. Designed for electric guitars, basses, and electro-acoustic guitars, this system offers a stable, low-latency, and high-quality audio transmission solution, freeing you from the constraints of cables.

## 2. PRODUCT OVERVIEW

### 2.1 Components

- 1 x M-VAVE WP-1 Transmitter
- 1 x M-VAVE WP-1 Receiver
- 1 x Dual USB Charging Cable

### 2.2 Key Features

- **Upgraded 2.4G Wireless Technology:** Provides stable, interference-proof connection.
- **Crystal Clear Signal Transmission:** 24-bit 48KHz high-quality audio with less than 6ms latency. Effective range of approximately 30 meters.
- **Rechargeable System:** Built-in rechargeable lithium battery with hours of usage. Includes dual USB charging cable.
- **Hassle-Free Plug and Play:** Simple pairing by pressing and holding the signal key. Supports up to 6 channels simultaneously.
- **Versatile Compatibility:** 280° rotatable plug design fits most electric guitars, basses, and electro-acoustic guitars.

### 2.3 Product Visuals



Figure 1: M-VAVE WP-1 Wireless Guitar System, showing both the black transmitter and silver receiver units.



## 2.4GHZ Wireless Guitar System

Automatic channel setup, just plug-in and to go cable-free. More than 100feet/30M range outdoors



Vocal



Audio Mixer



Guital



Keyboard  
Plano



Traps



Violin

Figure 2: Illustration of the 2.4GHz wireless guitar system, highlighting its compatibility with various instruments such as vocal microphones, audio mixers, guitars, keyboards, drums, and violins.

# 280° Rotatable 1/4" Plug Design

Adjustable for most electric music instruments, including stratocaster style guitar with vibrato system.



Figure 3: Demonstrates the 280° rotatable 1/4" plug design, allowing flexible connection to various guitar types, including those with vibrato systems.



# Enjoy Your Pure Sound

24-bit 48KHz high quality audio  
broadcasting. One-to-one,  
No-Interference, Low Latency.

Figure 4: A guitarist enjoying pure sound transmission with the wireless system connected to multiple amplifiers, showcasing 24-bit 48KHz high-quality audio broadcasting with low latency.



## Long Working 5 Hours

Built-in rechargeable lithium battery with  
USB cable for convenient recharging.

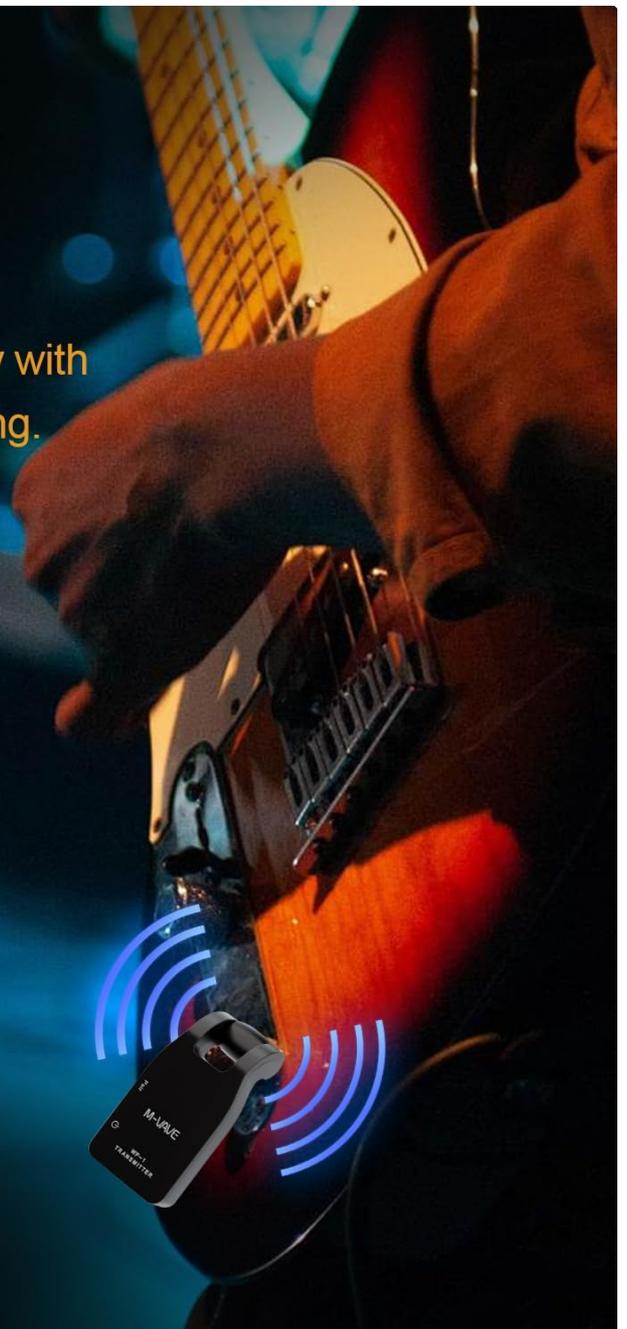


Figure 5: Highlights the long working time of 5 hours on a single charge, with convenient recharging via the included USB cable.

# Simultaneous Broadcasts on 6 Channels

Click the button, simply pick a channel and  
start playing in seconds.



Figure 6: Illustrates the system's capability for simultaneous broadcasts on up to 6 channels, allowing multiple devices to operate without interference.



Figure 7: Depicts diverse applications of the wireless system, suitable for personal practice, band performances, individual performances, and family gatherings.

### 3. SETUP

#### 3.1 Initial Charging

Before first use, ensure both the transmitter and receiver units are fully charged using the provided dual USB charging cable. The charging port is a USB-C type.

#### 3.2 Connecting and Pairing

1. Plug the transmitter unit into your instrument's 6.35mm output jack. The 280° rotatable plug allows for optimal positioning.
2. Plug the receiver unit into your amplifier's 6.35mm input jack.

3. Turn on both the transmitter and receiver units by pressing and holding their respective power buttons.
4. The units will automatically pair. The indicator lights will change from blinking to solid green once a stable connection is established. No need to re-link for future use after the initial pairing.

For a visual demonstration of the setup and pairing process, please refer to the official product video below:

Your browser does not support the video tag.

Video 1: Wireless listening system Demonstration. This video illustrates the physical connection of the transmitter to an instrument and the receiver to an amplifier, followed by the automatic pairing process and a demonstration of sound transmission.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Channel Selection

The system supports up to 6 channels simultaneously to avoid interference when multiple wireless systems are in use. To change the channel, simply click the signal key on both the transmitter and receiver units. Ensure both units are set to the same channel for proper operation.

### 4.2 Instrument Compatibility

The 280° rotatable 6.35mm plug ensures broad compatibility with various electric instruments, including:

- Electric Guitars
- Electric Basses
- Electro-acoustic Guitars
- Other instruments with 6.35mm output jacks and pickups

## 5. MAINTENANCE

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### 5.1 Battery Care

To prolong battery life, fully charge the units before extended storage. Recharge regularly, even if not in frequent use, to maintain battery health. Avoid exposing the units to extreme temperatures.

### 5.2 Cleaning and Storage

Wipe the units with a soft, dry cloth. Do not use liquid cleaners or abrasive materials. Store in a cool, dry place away from direct sunlight and moisture when not in use.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or intermittent signal.	Units not paired, out of range, low battery, or interference.	Ensure both units are powered on and paired (solid green light). Check battery levels. Reduce distance between transmitter and receiver (max 30m). Try switching to a different channel to avoid interference.
High latency or signal degradation.	Environmental interference or excessive distance.	Move closer to the receiver. Avoid obstacles that may block the signal. Ensure no other 2.4GHz devices are causing significant interference nearby. The system is designed for less than 6ms latency.
Units not charging.	Faulty cable or power source.	Verify the dual USB charging cable is properly connected. Try a different USB power adapter or port.

## 7. SPECIFICATIONS

Attribute	Value
Model Number	WP-1
Item Weight	5.9 ounces (0.17 Kilograms)
Package Dimensions	5.51 x 4.09 x 1.85 inches
Country of Origin	China
Compatible Devices	Guitar (Electric, Bass, Electro-acoustic)
Connector Type	6.35mm Jack
Material Type	Alloy Steel
Power Source	Battery Powered
Voltage	3.7 Volts
Wireless Technology	2.4GHz
Audio Transmission Quality	24-bit / 48KHz
Latency	<6ms
Effective Range	Approx. 30 meters (100 feet outdoors)
Dynamic Range	>105dB
Rotatable Plug	280°
Simultaneous Channels	Up to 6

## 8. SUPPORT

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M-VAVE is committed to providing high-quality products and excellent customer service. If you encounter any issues or have questions regarding your WP-1 Wireless Guitar System, please contact our professional sales support team. We aim to address all consumer questions within 24 hours.

For further assistance, please visit the [M-VAVE Store on Amazon](#).