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## JOYO JW-03

# JOYO JW-03 Wireless Guitar System & JT-09 Digital Tuner Instruction Manual

Model: JW-03 Wireless System, JT-09 Digital Tuner

## 1. INTRODUCTION

Thank you for choosing the JOYO JW-03 Wireless Guitar System and JT-09 Digital Tuner. This bundle provides essential tools for electric guitarists, offering wireless freedom and precise tuning capabilities. The JW-03 system ensures clear signal transmission with low noise and extended battery life, while the JT-09 tuner features a large, clear LED screen for various string instruments. This manual provides detailed instructions for the setup, operation, and maintenance of both devices to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

- JOYO JW-03 Wireless Transmitter
- JOYO JW-03 Wireless Receiver
- JOYO JT-09 Digital Guitar Tuner
- USB Charging Cable
- User Manual (this document)

## 3. SETUP INSTRUCTIONS

### 3.1. JOYO JW-03 Wireless Guitar System

The JW-03 system consists of a transmitter and a receiver. Both units are rechargeable and designed for ease of use.

#### 3.1.1. Charging the Units

Use the provided USB charging cable to charge both the transmitter and receiver. The yellow lights indicate low battery or charging status. Once fully charged, the lights will turn blue (if devices are on during charging).

- 💡 Low battery warning:Yellow lights
- 💡 On charging:Yellow lights
- 💡 Fully Charged:Yellow goes off (if the devices are on when charging, once get fully charged, the lights are blue)



Image: JOYO JW-03 Wireless System units connected to a USB charging cable, showing yellow indicator lights for charging status. The image also indicates 4-6 hours for a full charge.

### 3.1.2. Connecting to Instrument and Amplifier

The transmitter plugs into your instrument (guitar, bass, etc.), and the receiver plugs into your amplifier or audio interface. The units feature a 220° rotatable head for flexible positioning.



Image: A JOYO JW-03 Receiver plugged into a guitar amplifier, demonstrating its 220-degree rotatable head for optimal positioning.

### 3.1.3. Pairing the Units

The JW-03 units are typically pre-paired from the factory. Simply turn on both the transmitter and receiver. The blue indicator lights will illuminate, signifying a successful connection. If they do not pair automatically, refer to the troubleshooting section.

Video: Official JOYO video demonstrating common settings for the JW-03 Wireless Guitar System, including pairing and connection.

## 3.2. JT-09 Digital Guitar Tuner

The JT-09 tuner is a clip-on device designed for various string instruments.

### 3.2.1. Attaching the Tuner

Attach the tuner to the headstock of your instrument using its high-quality rubber clamp. The clamp is designed to be stable and protect your instrument's finish.

# High quality rubber clamp

More stable and protect your instruments



Image: A JOYO JT-09 Digital Tuner with its high-quality rubber clamp attached to the headstock of a guitar, highlighting the power/mode button.

## 3.2.2. Powering On

Long press the Power/Mode button to turn the unit ON/OFF. The tuner features a 135-degree tilted and 360-degree rotatable design for optimal viewing angles.



**360 degree rotatable**



Image: The JOYO JT-09 Digital Tuner demonstrating its flexible design with a 135-degree tilt and 360-degree rotation for easy viewing.

## 4. OPERATING INSTRUCTIONS

### 4.1. JOYO JW-03 Wireless Guitar System

The JW-03 system operates on a 2.4GHz ISM band with frequency hopping technology to avoid interference. It offers 48K/16bit high-quality signal transmission/playback with a superior 103dB dynamic range.

#### 4.1.1. Range and Latency

The system provides more than 100-feet range indoors and boasts less than 5ms latency, ensuring no noticeable lag or signal loss during performance. Simultaneous broadcasts on 4 channels are supported.



Image: A visual representation of the JOYO JW-03 Wireless System demonstrating a 20-meter (approximately 65 feet) transmission range between the transmitter and receiver in a live performance environment.

## 4.2. JT-09 Digital Guitar Tuner

The JT-09 tuner is a professional tuner with a large, clear LED digital screen for easy readability.

### 4.2.1. Tuning Process

Once powered on and clipped to your instrument, pluck a string. The screen will display the note and indicate whether it is flat (blue), in tune (green), or sharp (blue). Adjust your instrument's tuning pegs until the screen shows green for the desired note.



Image: The JOYO JT-09 Digital Tuner's screen illustrating the visual cues for tuning: blue for flat, green for in tune, and blue for sharp.

#### 4.2.2. Applicable Instruments

The JT-09 tuner can be applied to a variety of string instruments, including Chromatic, Ukulele, Guitar, Bass, and Violin.

# Can be applied to all instruments



Image: The JOYO JT-09 Digital Tuner's display indicating its versatile tuning modes for Chromatic, Ukulele, Guitar, Bass, and Violin.

## 5. MAINTENANCE

### 5.1. Charging

The JW-03 Wireless System provides up to 8 hours of playing time per charge. Recharge the units using the provided USB cable when the yellow indicator lights appear. A full charge typically takes 4-6 hours.

### 5.2. General Care

- Do not disassemble or repair the product yourself.
- Do not use or store in any heat sources, damp, dusty areas, or areas with strong vibrations or shock.
- Do not drop the product, as it may malfunction.
- Do not use alcohol or other cleaning fluids to clean the product. Use a soft, dry cloth.
- The characteristics of lithium batteries mean that the battery capacity may decrease gradually after repeated charging and discharging. This is normal and not a product defect.

## 6. TROUBLESHOOTING

## 6.1. Wireless System Not Pairing

Ensure both the transmitter and receiver are turned ON and fully charged. If they do not pair automatically, they may need to be manually re-synced. Consult the full owner's manual for detailed re-pairing instructions.

## 6.2. Signal Interference or Dropouts

The JW-03 system uses 2.4GHz frequency hopping to avoid interference. However, strong interference from wireless routers or other wireless devices in close proximity may affect performance. Try to maintain a clear line of sight and distance from other wireless sources. The system supports simultaneous broadcasts on 4 channels, which can help mitigate interference in busy environments.

## 6.3. Audio Lag or Signal Loss

While the system boasts less than 5ms latency, extreme distances or significant environmental interference can sometimes cause audio lag or signal loss. Try reducing the distance between the transmitter and receiver or changing channels.

# 7. SPECIFICATIONS

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## 7.1. JOYO JW-03 Wireless Guitar System

- **Frequency Band:** 2.4GHz ISM Band (Frequency Hopping)
- **Audio Quality:** 48K/16bit High Quality Signal Acquisition/Playback
- **Dynamic Range:** Superior 103dB
- **Range:** More than 100 feet (indoors)
- **Latency:** Less than 5ms (no lag or signal loss)
- **Channels:** Simultaneous broadcasts on 4 channels
- **Battery Life:** Up to 8 hours playing time per charge
- **Connector:** 220° rotatable head

## 7.2. JOYO JT-09 Digital Guitar Tuner

- **Tuning Mode:** Chromatic, Guitar, Bass, Ukulele, Violin
- **Display:** Large, clear LED digital screen
- **Attachment:** High-quality rubber clamp
- **Rotation:** 135° tilted, 360° rotatable

# 8. WARRANTY AND SUPPORT

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For any issues or support, please refer to the contact information provided with your purchase or visit the official JOYO website. JOYO offers a 3-year warranty and 24/7 customer support for their products.