

JOYO JW-03

JOYO 2.4GHz Wireless Guitar System (JW-03) Instruction Manual

Brand: JOYO | Model: JW-03

PRODUCT OVERVIEW

The JOYO 2.4GHz Wireless Guitar System (JW-03) offers musicians a high-quality, low-latency solution for wireless instrument connectivity. Designed for electric guitars, basses, and other instruments with a 1/4-inch jack, this system provides freedom of movement without compromising sound quality.

- **Clear Quality Signal Transmission:** Utilizes the 2.4GHz band for low noise, low latency (less than 5mS), and no interference, with over 20 meters transmission distance.
- **High Compatibility:** Features 220-degree rotatable plugs, making it compatible with most electric guitars, bass, acoustic guitars, and other digital music instruments. Approved for worldwide use.
- **Easy to Pair:** Simple pairing process – turn on both units, press the receiver's pairing button, then press the transmitter's pairing button for over 2 seconds for successful connection.
- **User-friendly:** Includes a double-sided USB cable for simultaneous charging of both transmitter and receiver. Easy to switch between 4 signal channels.
- **Long Battery Life:** Built-in battery provides over 8 hours of working time on a full charge, suitable for extended use.



Image: The JOYO JW-03 Wireless Guitar System, showing both the transmitter and receiver units.

SETUP GUIDE

Follow these steps to set up your JOYO JW-03 Wireless Guitar System:

1. **Charge the Units:** Ensure both the transmitter and receiver units are fully charged. Use the included double-sided USB cable to charge them simultaneously. A full charge provides over 8 hours of use.
2. **Connect Transmitter to Instrument:** Plug the JOYO transmitter (labeled "TRANSMITTER JW-03") into your instrument's 1/4-inch output jack. The plug can rotate 220 degrees to accommodate various instrument designs and ensure a secure fit without protruding excessively.

3. **Connect Receiver to Amplifier/Mixer:** Plug the JOYO receiver (labeled "RECEIVER JW-03") into the 1/4-inch input jack of your amplifier, mixer, or other audio equipment.



Image: The JOYO JW-03 transmitter and receiver units, highlighting their compact design and blue indicator lights.



220° rotatable head
allows you adjust different
position of instruments
with input jack.

220°

Image: Close-up of the JOYO JW-03 transmitter's 220-degree rotatable head, demonstrating its flexibility for different instrument jack positions.



**8H Working time
once get fully charged**



Image: The JOYO JW-03 transmitter connected to an electric guitar and the receiver connected to an amplifier, illustrating a typical setup.

Setup Demonstration Video

Your browser does not support the video tag.

Video: A review of the Joyo JW-03 Wireless system, demonstrating its ease of use and setup for guitarists. (Source: JoyoPedals)

OPERATING INSTRUCTIONS

1. **Power On:** Turn on both the transmitter and the receiver units using their respective power switches.
2. **Automatic Pairing:** The units are pre-paired from the factory. Once powered on, they should automatically connect, indicated by solid blue lights on both units. If they are flashing blue, they are not yet paired.
3. **Manual Pairing:** If units do not pair automatically, press the pairing button on the receiver. Then, press and hold the pairing button on the transmitter for more than 2 seconds. The lights will turn solid blue upon

successful pairing.

4. **Channel Switching:** The system supports 4 signal channels. To change the channel, double-click the pair button on either the transmitter or receiver. The yellow indicator lights will flicker a number of times corresponding to the current channel bank (e.g., one flicker for channel 1, two for channel 2, etc.). This allows multiple units to be used in the same area without interference.



1. Turn on the devices, if not paired, **they are flash blue.**
2. Press the pair button on the transmitter for more than 2 seconds, when they are paired successfully, **the lights are blue.**

Image: Visual guide for pairing the JOYO JW-03 units, showing flashing blue lights before pairing and solid blue lights after successful connection.



Double click the **pair button** to change the channel bank one time, channel bank once. Meanwhile, the **yellow indicator's** flicker times indicate the current channel banks.

Pair button

Yellow indicator

Image: Close-up of the JOYO JW-03 receiver, indicating the location of the pair button and the yellow indicator lights for channel selection.

MAINTENANCE AND BATTERY

The JOYO JW-03 system is designed for convenience and durability. Proper maintenance ensures optimal performance.

- **Charging:** The units feature built-in rechargeable Lithium Polymer batteries. Use the provided double-sided USB cable to charge both the transmitter and receiver simultaneously. Charging typically takes 4-6 hours for a full charge.
- **Battery Indicators:** Yellow lights indicate low battery or charging status. Once fully charged, if the devices are on, the lights will turn blue.
- **Battery Life:** A full charge provides over 8 hours of continuous playing time, making it suitable for long practice sessions or gigs.

- 🔔 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: Illustration of the JOYO JW-03 units showing yellow lights for low battery/charging and blue lights for fully charged status.

TROUBLESHOOTING

If you encounter any issues with your JOYO JW-03 Wireless Guitar System, consider the following:

- **No Sound/Intermittent Signal:**
 - Ensure both transmitter and receiver are powered on and fully charged.
 - Verify that both units are successfully paired (solid blue lights). If not, perform manual pairing as described in the Operating Instructions.
 - Check that the units are within the 20-meter transmission range.
 - Try switching to a different channel to avoid potential interference from other 2.4GHz devices in the vicinity.
- **Latency/Delay:** The system is designed for low latency (less than 5mS). If you perceive delay, ensure there are no major obstructions or strong interference sources between the transmitter and receiver.

- **Noise/Hum:** While designed for low noise, ensure all connections are secure. Test with different instruments or amplifiers to isolate the source of the noise.

SPECIFICATIONS

Feature	Specification
Item Weight	1.34 ounces
Product Dimensions	3.94 x 0.79 x 1.18 inches
Country of Origin	China
Item Model Number	Manufacturer-JYPS-0JW03
Batteries	1 Lithium Polymer batteries required. (included)
Body Material	ABS
Compatible Devices	Guitar
Connector Type	1/4-Inch
Mixer Channel Quantity	4
Output Wattage	5 Watts
Battery Type	Polymer
Power Source	Rechargeable Battery

WARRANTY AND SUPPORT

JOYO is deeply committed to the field of musical instruments and strives to provide excellent customer service. If you encounter any problems with the use of your JOYO JW-03 Wireless Guitar System, prompt service is available within 24 hours.

For further assistance or warranty inquiries, please refer to the contact information provided on the product packaging or visit the official JOYO website.