

JOYO JF-11

JOYO 6-Band EQ Pedal JF-11 with DC 9V 500mA Pedal Power Adapter User Manual

Model: JF-11

INTRODUCTION

Thank you for purchasing the JOYO 6-Band EQ Pedal JF-11 and DC 9V 500mA Pedal Power Adapter bundle. This manual provides essential information for the safe and effective use of your new equipment. Please read it thoroughly before operation and retain it for future reference.

The JOYO JF-11 is a versatile 6-band graphic equalizer pedal designed for electric guitars, allowing precise tone shaping across key frequency ranges. The included DC 9V 500mA power adapter ensures reliable power delivery to your pedal and other compatible effects.

SAFETY INFORMATION

- Always use the specified power adapter (DC 9V, center negative) to prevent damage to the pedal.
- Do not expose the pedal to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the pedal to strong impacts.
- Do not attempt to disassemble or modify the pedal or power adapter. This will void the warranty.
- Keep out of reach of children.

PACKAGE CONTENTS

Your package should contain the following items:

- JOYO 6-Band EQ Pedal (JF-11)
- DC 9V 500mA Pedal Power Adapter

Note: These items may be shipped separately.

PRODUCT OVERVIEW

JOYO JF-11 6-Band EQ Pedal

The JF-11 Equalizer pedal offers precise control over your guitar's tone. It features six adjustable frequency bands, each providing a boost or cut of up to $\pm 18\text{dB}$. This allows for detailed sound sculpting, from enhancing articulation in overdrive to cutting muddy low-end frequencies.

6 Band EQ Pedal

Covering all the essential guitar frequencies, it can boost for more articulation in overdrive in huge, create stand-out mix in mids frequencies, and cut muddy rhythm tones in low end.



Image: The JOYO JF-11 6-Band EQ Pedal. This image shows the pedal's top view, highlighting the six frequency sliders, the True Bypass footswitch, and the input/output jacks. The text on the image indicates "6 Band EQ Pedal" and describes its function in shaping guitar frequencies.

Optimal Circuit Design

Minimize tone loss and keep a clean signal path.

100Hz, 200Hz, 400Hz, 800Hz, 1.6KHz, 3.2KHz.
Cut or boost six different frequencies up to $\pm 18\text{dB}$



Image: Optimal Circuit Design of the JOYO JF-11 EQ Pedal. This close-up view of the pedal's sliders emphasizes the frequency bands: 100Hz, 200Hz, 400Hz, 800Hz, 1.6kHz, and 3.2kHz. It also notes the $\pm 18\text{dB}$ boost/cut range and the goal of minimizing tone loss.

Controls and Connections:

- **Frequency Sliders (100Hz, 200Hz, 400Hz, 800Hz, 1.6kHz, 3.2kHz):** Adjust the gain for each frequency band.
- **Output Jack (1/4 inch, 10K Ω):** Connects to your amplifier or next pedal in the signal chain.
- **Input Jack (1/4 inch, 500K Ω):** Connects to your guitar or previous pedal.
- **LED Indicator:** Illuminates when the pedal is active.
- **True Bypass Footswitch:** Engages or disengages the effect.
- **DC 9V Power Input:** For connecting the power adapter (center negative).

DC 9V Powered & LED Indicator

- 1** Power Supply: 6F22 Battery/ DC 9V Power Adapter(Not included)
Running Current: 15mA



- 2** Output Jack—Single ¼ inch (10KΩ)



- 3** Input Jack—Single ¼ inch (500KΩ)



- 4** LED Indicator—working state



Image: Diagram of the JOYO JF-11 EQ Pedal. This image labels the DC 9V power input, output jack, input jack, and LED indicator, providing a visual guide to the pedal's connections and features.

DC 9V 500mA Pedal Power Adapter

The included power adapter is designed to provide stable and clean power to your JOYO pedal and other compatible effects. It features smart IC chips for noise reduction and multiple safety protections.

Smart IC Control to Protect Power Safe and Noise Reduce



Over-Current
Protection



Over-Temp
Protection



Over-Voltage
Protection



Over-Circuit
Protection

Cord Length: 150cm/4.92ft



Image: DC 9V 500mA Pedal Power Adapter. This image highlights the adapter's safety features, including Over-Current, Over-Temp, Over-Voltage, and Over-Circuit Protection, along with its 150cm (4.92ft) cord length.

Compatible for Most Brands Pedals(Tips Negative)

- With Smart IC to Reduce the Noise Disturbance
- Isolating transformer
- DC 9V 500mA
- 100-240V 50-60Hz

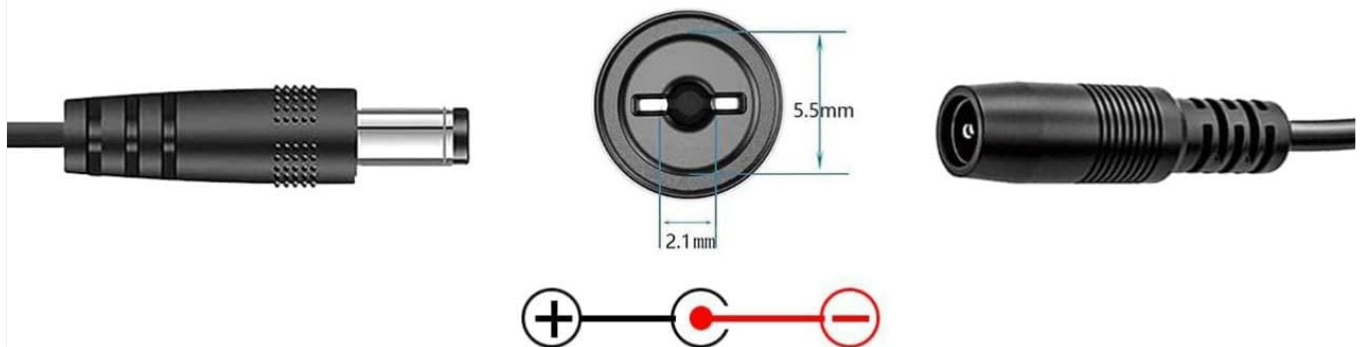


Image: Compatibility and Plug Specifications of the DC 9V 500mA Power Adapter. This image details the adapter's features like Smart IC for noise reduction, isolating transformer, DC 9V 500mA output, and 100-240V 50-60Hz input. It also shows the 5.5mm outer, 2.1mm inner diameter, center-negative plug.

The adapter is compatible with most brands of pedals requiring a 9V DC, center-negative power supply.

Work for Most Brand Effect Pedals & Keyboards



Image: Wide Compatibility of the Power Adapter. This image illustrates the adapter's compatibility with various effect pedals and keyboards from brands like JOYO, BOSS, Donner, JHS, VOX, MXR, ammoon, Ibanez, Muslady, Xotic, and others.

SETUP

1. Power Connection:

- Connect the DC 9V 500mA power adapter to a wall outlet.
- Plug the adapter's DC output jack into the "DC 9V" input on the JOYO JF-11 pedal. Ensure the connection is secure.

Power Supply Note:

1. Keep the pedal fully connected with guitar and amp.
2. Powered with DC 9V adapter, central negative.
3. Recommended to choose JOYO original power adapter(Not included), or other reliable brands.



Image: Power Supply Note for the JOYO JF-11 EQ Pedal. This image visually explains the power connection, emphasizing the need for a DC 9V, center-negative adapter and recommending JOYO original or other reliable brands.

2. Instrument Connection:

- Connect your guitar (or the output of a preceding pedal) to the "INPUT" jack of the JF-11 pedal using a standard 1/4-inch instrument cable.
- Connect the "OUTPUT" jack of the JF-11 pedal to your amplifier (or the input of a subsequent pedal) using another standard 1/4-inch instrument cable.

3. Initial Check:

- Ensure all connections are firm.
- Turn on your amplifier.
- Press the footswitch on the JF-11 pedal. The LED indicator should light up, indicating the pedal is active.

Important: To avoid unexpected noise, ensure your guitar is fully connected with the pedal and that the power adapter meets the working current requirement of the pedal.

OPERATING INSTRUCTIONS

1. **Engaging the Effect:** Press the footswitch to activate the equalizer effect. The LED will illuminate. Press it again to bypass the effect (True Bypass).
2. **Adjusting Frequencies:**
 - Use the six sliders to adjust the gain ($\pm 18\text{dB}$) for each corresponding frequency band: 100Hz, 200Hz, 400Hz, 800Hz, 1.6kHz, and 3.2kHz.
 - Moving a slider up boosts that frequency, making it louder.
 - Moving a slider down cuts that frequency, making it quieter.
3. **Tone Shaping Tips:**
 - 100Hz - 200Hz:** Affects bass and low-end warmth. Boosting can add fullness, cutting can reduce muddiness.
 - 400Hz - 800Hz:** Controls the mid-range body and presence. Adjusting these can help your guitar sit better in a mix.
 - 1.6kHz - 3.2kHz:** Influences treble, clarity, and attack. Boosting can add sparkle, cutting can smooth out harshness.
 - Experiment with small adjustments to find your desired sound.

MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the pedal. Do not use abrasive cleaners or solvents.
- Storage:** When not in use for extended periods, disconnect the power adapter and store the pedal in a dry, cool place away from direct sunlight.
- Connections:** Periodically check all cables and connections for wear and tear. Replace damaged cables immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound when pedal is active.	- Incorrect power connection. - Faulty cables. - Pedal not engaged. - Amplifier or guitar volume too low.	- Ensure power adapter is correctly plugged in and providing 9V DC, center negative. - Check and replace cables if necessary. - Press the footswitch to engage the pedal (LED should be on). - Increase volume on your amplifier and guitar.
Excessive noise or hum.	- Poor shielding of guitar circuits. - No ground wire on amplifier. - Poor quality instrument cables. - Single coil pickups in high gain state. - Interference from other electronic devices.	- Ensure proper grounding for all equipment. - Use high-quality, shielded instrument cables. - Consider an isolated power supply for multiple pedals. - Reduce gain settings if using single coil pickups. - Move pedal away from power sources or other noisy electronics.
Pedal not responding.	- Power issue. - Internal malfunction.	- Verify power supply is working and connected correctly. - If problem persists, contact customer support.

SPECIFICATIONS

JOYO JF-11 6-Band EQ Pedal

- **Model:** JF-11
- **Effect Type:** 6-Band Graphic Equalizer
- **Frequency Bands:** 100Hz, 200Hz, 400Hz, 800Hz, 1.6kHz, 3.2kHz
- **Gain Range:** ± 18 dB per band
- **Input Impedance:** 500K Ω
- **Output Impedance:** 10K Ω
- **Power Requirement:** DC 9V (center negative)
- **Running Current:** 15mA
- **Signal Format:** Analog
- **Color:** Black
- **ASIN:** B0DNZDSQ GK

DC 9V 500mA Pedal Power Adapter

- **Input:** 100-240V ~ 50/60Hz
- **Output:** DC 9V 500mA (center negative)
- **Plug Dimensions:** 5.5mm (outer), 2.1mm (inner)
- **Cord Length:** 150cm / 4.92ft
- **Protections:** Over-Current, Over-Temp, Over-Voltage, Over-Circuit Protection

WARRANTY AND SUPPORT

JOYO Technology Co.,LTD provides customer support for its products. For any product issues, please refer to your order details and contact the seller directly. They are ready to assist you with troubleshooting or warranty claims.
Note: Unauthorized disassembly or modification of the product may void the warranty.

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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

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