

JOYO D60 Overdrive Pedal and DC 9V 500mA Power Adapter

JOYO D60 Overdrive Guitar Pedal and DC 9V 500mA Power Adapter User Manual

Model: D60 Overdrive Pedal and DC 9V 500mA Power Adapter

1. INTRODUCTION

Thank you for purchasing the JOYO D60 Overdrive Guitar Pedal and DC 9V 500mA Power Adapter bundle. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new equipment. Please read this manual thoroughly before use to ensure optimal performance and longevity of your products.



Image 1.1: The JOYO D60 Overdrive Pedal, designed for guitarists seeking versatile overdrive tones.

2. PRODUCT FEATURES

2.1 JOYO D60 Overdrive Guitar Pedal

- Offers creamy overdrive sounds with a warm character.
- Standard controls: Tone, Drive, Output.
- CLIP switch allows selection between MOSFET and DIODE clipping for varied tonal options.
- Dist Boost switch provides a 15dB boost, usable independently or before/after the drive circuit.

2.2 JOYO DC 9V 500mA Pedal Power Supply Adapter

- Provides stable DC 9V 500mA power, suitable for most guitar pedals requiring tip-negative 9V.
- Features smart and professional IC chips for noise reduction and isolation.
- Includes multiple safety protections: Over-Current, Over-Temp, Over-Voltage, and Over-Circuit Protection.
- Equipped with an isolating transformer to minimize noise disturbance.

3. SETUP

Follow these steps to properly set up your JOYO D60 Overdrive Pedal and Power Adapter:

1. **Connect the Power Adapter:** Plug the DC 9V 500mA power adapter into a standard AC outlet. Connect the barrel connector of the adapter to the 9V DC input jack on the JOYO D60 pedal. Ensure the adapter is center-negative, which is standard for most guitar pedals.



Image 3.1: Detail of the 9V DC power input, illustrating the center-negative polarity requirement.

2. **Connect to Guitar:** Connect your guitar to the INPUT jack on the JOYO D60 pedal using a standard 1/4-inch instrument cable.
3. **Connect to Amplifier:** Connect the OUTPUT jack of the JOYO D60 pedal to your guitar amplifier's input using another standard 1/4-inch instrument cable.
4. **Power On:** Once all connections are secure, activate the pedal by pressing the footswitch. The LED indicator will illuminate, indicating the pedal is active.

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 3.2: The JOYO DC 9V 500mA Power Adapter, featuring multiple protection circuits for safe operation.

Compatible for Most Brands Pedals(Tips Negative)

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

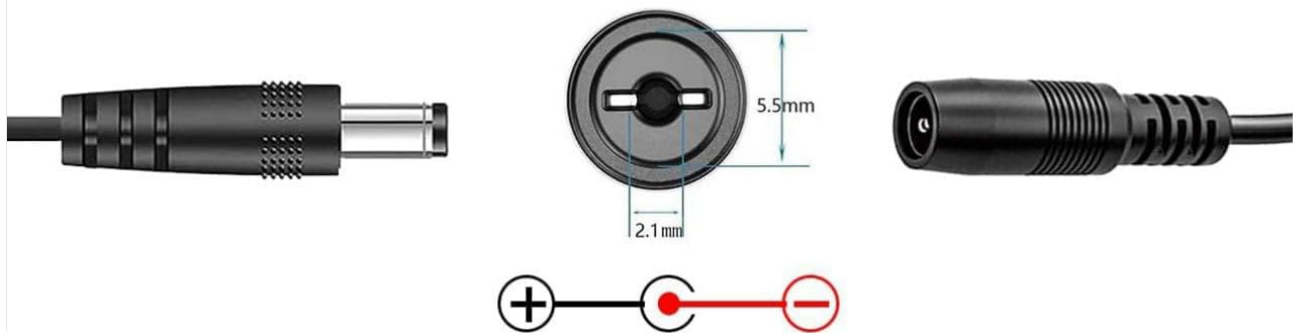


Image 3.3: Detailed view of the power adapter's plug, confirming compatibility with most tip-negative 9V pedals.

4. OPERATING THE D60 OVERDRIVE PEDAL

The JOYO D60 Overdrive Pedal features intuitive controls for shaping your tone:

TONE: tone brightness adjustment

DRIVE: overdrive adjustment

OUTPUT: volume adjustment

CLIP switch: can change the way the clipping stage acts, for a few more tonal options

Dist Boost switch: The 15dB Boost, which can also be used by itself, can be placed before or after the drive circuit



Image 4.1: Overview of the JOYO D60 Overdrive Pedal's controls and their functions.

- **TONE Knob:** Adjusts the brightness of the overdrive sound. Turn clockwise for brighter tones, counter-clockwise for warmer, darker tones.
- **DRIVE Knob:** Controls the amount of overdrive/gain. Turn clockwise for more distortion and sustain, counter-clockwise for cleaner, milder overdrive.
- **OUTPUT Knob:** Sets the overall volume level of the pedal. Adjust to balance the volume between the engaged and bypassed states.
- **CLIP Switch:** This toggle switch changes the clipping stage characteristics.
 - **Left Position (MOSFET):** Provides a smoother, more amp-like overdrive with a natural compression.
 - **Right Position (DIODE):** Offers a more aggressive, classic overdrive sound with a distinct bite.
- **Dist Boost Switch:** This switch activates a 15dB boost. It can be used to increase the overall volume or to push the drive circuit further. The boost can be placed before or after the drive circuit, depending on the desired effect.

5. MAINTENANCE

To ensure the longevity and optimal performance of your JOYO D60 Overdrive Pedal and Power Adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal and adapter. Avoid using abrasive cleaners, solvents, or excessive moisture, which can damage the finish or internal components.
- **Storage:** Store the pedal and adapter in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. Disconnect the power adapter when not in use for extended periods.
- **Cable Care:** Always handle instrument and power cables by the plug, not the cable itself, to prevent damage to the wiring.
- **Avoid Drops:** Protect the pedal from physical shocks and drops, which can cause internal damage.

6. TROUBLESHOOTING

If you encounter any issues with your JOYO D60 Overdrive Pedal or Power Adapter, refer to the following troubleshooting tips:

- **No Sound:**
 - Check all cable connections (guitar to input, output to amp, power adapter to pedal).
 - Ensure the power adapter is correctly plugged into a working outlet and the pedal.
 - Verify that your guitar and amplifier are functioning correctly.
 - Check the pedal's footswitch to ensure it is engaged (LED illuminated).
- **Unwanted Noise/Hum:**
 - Ensure you are using the provided JOYO DC 9V 500mA power adapter, which is designed for noise reduction. Using an incompatible or unisolated power supply can introduce noise.
 - Check for faulty instrument cables. Try swapping cables to identify a potential issue.
 - Ensure the power adapter is not near other electrical devices that might cause interference.
 - Verify that the power adapter is providing a stable 9V DC, center-negative output.
- **Pedal Not Engaging/LED Not Lighting Up:**
 - Confirm the power adapter is securely connected and receiving power from the wall outlet.
 - Ensure the power adapter meets the pedal's requirements (9V DC, center-negative, at least 500mA).
 - If using a daisy chain, ensure the total current draw of all pedals does not exceed the power adapter's capacity.

7. SPECIFICATIONS

7.1 JOYO D60 Overdrive Guitar Pedal

- **Model:** D60
- **Controls:** Tone, Drive, Output, CLIP Switch, Dist Boost Switch
- **Power Requirement:** DC 9V, Center Negative (500mA recommended)
- **Dimensions:** Approximately 102mm (L) x 58mm (W) x 80mm (H)
- **Input:** 1/4-inch mono audio jack
- **Output:** 1/4-inch mono audio jack



Image 7.1: Physical dimensions of the JOYO D60 Overdrive Pedal.

7.2 JOYO DC 9V 500mA Pedal Power Supply Adapter

- **Output:** DC 9V, 500mA
- **Input:** 100-240V AC, 50-60Hz
- **Polarity:** Center Negative
- **Cord Length:** Approximately 150cm (4.92ft)
- **Protections:** Over-Current, Over-Temp, Over-Voltage, Over-Circuit

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official JOYO website. You may also contact the retailer from whom you purchased this product for assistance.

Work for Most Brand Effect Pedals & Keyboards



Image 8.1: The JOYO power adapter is compatible with a wide range of guitar effect pedals from various brands.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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