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## JOYO D50

# JOYO Dr.J Series D50 Tube Overdrive Pedal Instruction Manual

Model: D50

## INTRODUCTION

The JOYO Dr.J Series D50 Tube Overdrive Pedal is designed to deliver the characteristic tone of overdriven tube amplifiers. It provides clear, transparent, warm, and natural tones with a dynamic feel and minimal compression. This pedal is built with a robust full metal housing and features a true bypass design to minimize tone loss when disengaged.

## SETUP

### Power Supply Connection

The D50 pedal requires a DC 9V, 800mA power supply with a central negative polarity. The power supply is not included with the pedal. Ensure the correct polarity and voltage to prevent damage.



Image: Close-up of the JOYO D50 pedal's DC 9V power input jack, illustrating the required central negative polarity and power specifications.

## Connecting to Your Instrument and Amplifier

Connect your electric guitar to the INPUT jack on the pedal. Connect the OUTPUT jack of the pedal to your amplifier's input. Ensure all cables are securely connected.



Image: The JOYO D50 pedal, illustrating its compact design and connection points for guitar and amplifier.

## OPERATING THE PEDAL

### Controls and Functions

**HIGH AND LOW** frequency knobs

**CLIP:** diode clipping select switch (3 modes)

**DRIVE:** adjust the overdrive gain

**OUTPUT:** adjust output volume



Image: Detailed view of the JOYO D50 pedal's controls and their respective functions.

- **DRIVE:** Adjusts the amount of overdrive gain.
- **OUTPUT:** Controls the overall output volume of the pedal.
- **LOW:** Adjusts the low-frequency response of the tone.
- **HIGH:** Adjusts the high-frequency response of the tone.
- **CLIP Switch:** This 3-mode switch selects different diode clipping options, allowing for varied tonal characteristics.

### True Bypass

The pedal features a true bypass design, ensuring that your guitar's original tone remains unaffected when the pedal is disengaged. This minimizes any signal degradation or tone loss.

### Tonal Characteristics

The D50 pedal is engineered to provide a broad and natural range of frequency response, delivering clear, transparent, warm, and natural tones reminiscent of overdriven tube amplifiers. Experiment with the DRIVE, LOW, HIGH, and CLIP controls to find your desired sound.

### Demonstration Videos

Video: A demonstration of the JOYO Tube Overdrive Pedal's vintage overdrive tones and capabilities.

Video: An overview of common settings and sound examples for the JOYO Tube Overdrive Pedal.

## Maintenance

The D50 pedal features an extraordinary solid metal housing, designed for durability. To maintain its condition, keep the pedal clean and avoid exposing it to extreme temperatures or moisture. Always disconnect the power supply when not in use for extended periods.

## Troubleshooting

- No Sound:** Check all cable connections (guitar to input, output to amplifier). Ensure the power supply is correctly connected and functioning.
- Unwanted Noise:** Verify that the power supply meets the specified requirements (DC 9V, 800mA, central negative). Ensure proper grounding of your equipment.
- Tone Loss:** The pedal features true bypass, which minimizes tone loss when off. If tone loss occurs when the pedal is engaged, adjust the tone controls (LOW, HIGH) and experiment with the CLIP switch settings.

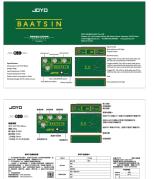
## Specifications

<b>Item Weight</b>	9.5 ounces (270 Grams)
<b>Product Dimensions</b>	4.02 x 3.15 x 2.28 inches
<b>Power Source</b>	Corded Electric
<b>Voltage</b>	9 Volts (DC)
<b>Body Material</b>	Aluminum, Steel, Alloy, Plastic, Carbon Fiber
<b>Connector Type</b>	1/4-Inch Straight
<b>Signal Format</b>	Analog

## Warranty and Support

For any issues with the product, JOYO provides prompt customer service. Please contact the manufacturer directly for warranty claims or technical assistance. You can find more information and contact details on the [JOYO Official Store](#).

## Related Documents - D50

	<p><a href="#"><b>JOYO Double Thruster R-28 Bass Overdrive Guitar Effect Pedal</b></a></p> <p>Explore the JOYO Double Thruster R-28, a versatile bass overdrive pedal featuring independent mid-frequency and gain boost controls. This document provides specifications, control descriptions, and usage information for the R-28 effect pedal.</p>
	<p><a href="#"><b>JOYO Green Legend Overdrive Guitar Effect Pedal - Specifications and Features</b></a></p> <p>Detailed information about the JOYO Green Legend (JF-319) Ironman Series overdrive guitar effect pedal, including specifications, controls, and manufacturer details.</p>
	<p><a href="#"><b>JOYO AT Drive Ironman Series Guitar Effect Pedal Manual</b></a></p> <p>Detailed specifications and overview for the JOYO AT Drive Ironman Series guitar effect pedal, a versatile overdrive pedal with EQ and volume controls.</p>
	<p><a href="#"><b>JOYO R-11 BAATSIN Overdrive Guitar Pedal - User Manual and Specifications</b></a></p> <p>Detailed specifications, features, controls, connections, and warranty information for the JOYO R-11 BAATSIN Overdrive guitar pedal from the Revolution Series. Includes product service policy and qualification certificate.</p>
	<p><a href="#"><b>JOYO Husky Drive Overdrive Pedal: Specifications and Features</b></a></p> <p>Detailed specifications and features of the JOYO Husky Drive Overdrive guitar effect pedal from the IRONMAN series. Includes impedance, power, dimensions, and control descriptions.</p>
	<p><a href="#"><b>JOYO JF-23 ARGOS OVERDRIVE Guitar Effect Pedal Owner's Manual</b></a></p> <p>Comprehensive owner's manual for the JOYO JF-23 ARGOS OVERDRIVE guitar effect pedal, detailing safety instructions, panel descriptions, battery replacement, product features, and technical specifications.</p>