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> JOYO RIGEL PREAMP R-24 High Gain Overdrive Effect Pedal & Power Supply User Manual

JOYO RIGEL PREAMP R-24

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INTRODUCTION

This manual provides detailed instructions for the JOYO RIGEL PREAMP R-24 High Gain Overdrive Effect Pedal and its accompanying DC 9V 500mA Guitar Pedal Power Supply Adapter. The RIGEL PREAMP R-24 is a high-gain analog preamp pedal designed to simulate amplifier heads, delivering clean, rich, and futuristic overdrive tones suitable for metal guitarists. The included power adapter ensures stable and safe operation for your pedal.

The bundle includes:

- JOYO RIGEL PREAMP R-24 High Gain Overdrive Effect Pedal
- JOYO DC 9V 500mA Guitar Pedal Power Supply Adapter



Image: The JOYO RIGEL PREAMP R-24 pedal (right) and the JOYO DC 9V 500mA power adapter (left).

SETUP

Follow these steps to set up your JOYO RIGEL PREAMP R-24 pedal:

1. **Power Connection:** Connect the JOYO DC 9V 500mA power adapter to the "DC 9V" input jack on the pedal. Ensure the adapter is a center-negative 9V DC power supply.
2. **Guitar Input:** Connect your guitar to the "INPUT" jack on the pedal using a standard 1/4-inch instrument cable.
3. **Amplifier Output:** Connect the "OUTPUT" jack of the pedal to your amplifier's input using another standard 1/4-inch instrument cable.
4. **Power On:** Once all connections are secure, plug the power adapter into a wall outlet. The pedal's LED ambient light will illuminate, indicating it is powered on.

TIPS:

1. Power supply: DC 9V (center negative) is **NOT** included in the package.
2. Please select JOYO original recommended power supply or other reliable brands.



DC-9V \oplus \ominus

Working Voltage: DC 9V

Current Consumption: 90mA

Image: Rear view of the JOYO RIGEL PREAMP R-24 pedal, highlighting the INPUT, OUTPUT, and DC 9V power connections.

Important Note: For optimal performance and to avoid unexpected noise, ensure all connections are fully secure. It is recommended to use a JOYO original recommended power supply or other reliable brands that meet the working current requirement of the pedal (90mA).

OPERATING THE RIGEL PREAMP R-24 PEDAL

The RIGEL PREAMP R-24 features several controls to shape your tone. Familiarize yourself with each knob and switch:

Control Knobs

High Gain Preamp Analog Pedal

Simulate The Amplifier Head Greatly.
Modulate Clean And Futuristic Tones For Metalhead Guitarists.

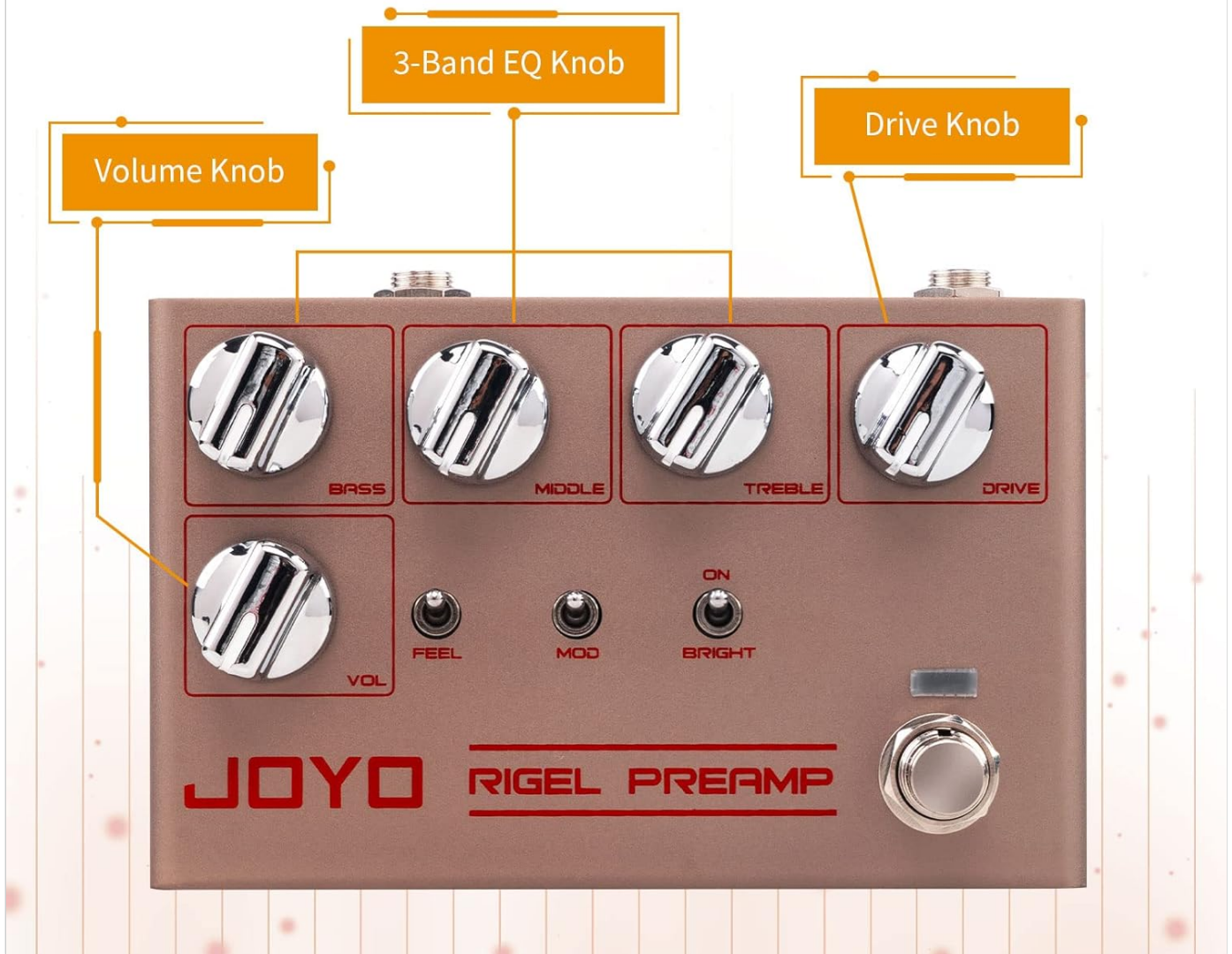


Image: Top view of the JOYO RIGEL PREAMP R-24 pedal, indicating the Volume, 3-Band EQ (Bass, Middle, Treble), and Drive knobs.

- **VOL (Volume):** Controls the overall output level of the pedal. Turn clockwise to increase volume, counter-clockwise to decrease.
- **BASS:** Adjusts the low-frequency response of your tone.
- **MIDDLE:** Adjusts the mid-frequency response of your tone.
- **TREBLE:** Adjusts the high-frequency response of your tone. Together, Bass, Middle, and Treble form a 3-band EQ for precise tone shaping.
- **DRIVE:** Controls the amount of gain and distortion. Turn clockwise for more saturation and overdrive.

Toggle Switches



Image: Top view of the JOYO RIGEL PREAMP R-24 pedal, indicating the Feel, MOD, and Bright toggle switches.

- **FEEL:** This toggle switch controls the tone tightness. Experiment with its positions to find the desired feel for your playing style.
- **MOD:** Offers 3 special head tone modes. Each position provides a distinct tonal characteristic, allowing for versatile sound exploration.
- **BRIGHT:** Adds a subtle warmth to the original sharp tone. Engage this switch to brighten your sound.

Footswitch and LED

- **Footswitch:** Engages or bypasses the effect. Press to activate the pedal (LED illuminates), press again to bypass (LED turns off).
- **LED Ambient Light:** The pedal features an exclusive LED ambient light that illuminates when the pedal is active, enhancing visual appeal during performance.

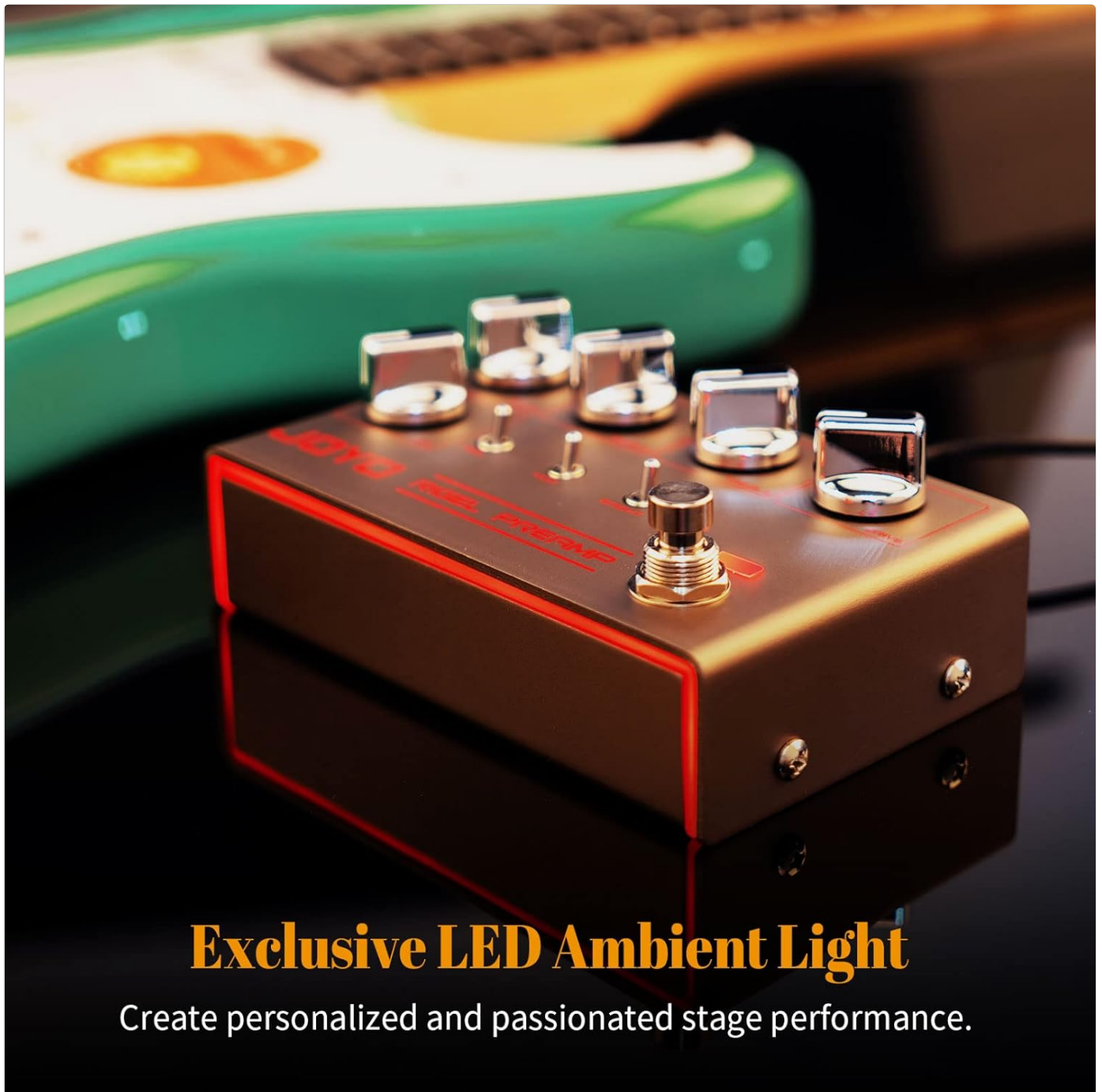


Image: The JOYO RIGEL PREAMP R-24 pedal with its exclusive LED ambient light illuminated, indicating active status.

MAINTENANCE

To ensure the longevity and optimal performance of your JOYO RIGEL PREAMP R-24 pedal and power supply, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal and power supply. Avoid using abrasive cleaners, solvents, or excessive moisture, which can damage the finish or internal components.
- **Storage:** When not in use, store the pedal and power supply in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Cable Care:** Handle instrument and power cables carefully. Avoid sharp bends, kinks, or placing heavy objects on them, as this can damage the internal wiring.
- **Power Supply:** Always use the provided JOYO DC 9V 500mA power adapter or a compatible, regulated 9V DC center-negative power supply. Using an incorrect power supply can damage the pedal and void the warranty.

TROUBLESHOOTING

If you encounter issues with your JOYO RIGEL PREAMP R-24 pedal, refer to the following common problems and solutions:

- **No Sound:**

- Check all cable connections (guitar to input, output to amp, power supply to pedal). Ensure they are fully inserted.
- Verify the power adapter is correctly plugged into a working outlet and the pedal's power jack.
- Ensure the pedal is engaged (LED illuminated).
- Test with different cables, guitar, and amplifier to isolate the problem.

- **Unexpected Noise/Hum:**

- Ensure you are using a regulated 9V DC center-negative power supply. Unregulated power supplies can introduce noise.
- Check for faulty cables.
- Move the pedal away from other electronic devices that might cause interference.
- Ensure proper grounding of your amplifier and power outlets.

- **Pedal Not Engaging/LED Not Lighting Up:**

- Confirm the power adapter is supplying the correct voltage (9V DC) and current (at least 90mA) and is center-negative.
- Check the power outlet.
- Ensure the power cable is securely connected to the pedal.

If the issue persists after trying these steps, please contact JOYO customer support for further assistance.

SPECIFICATIONS

JOYO RIGEL PREAMP R-24 Pedal & Power Adapter Specifications

Feature	Detail
Product Model	RIGEL PREAMP R-24
Effect Type	High Gain Overdrive, Preamp
Signal Format	Analog
Controls	VOL, BASS, MIDDLE, TREBLE, DRIVE knobs; FEEL, MOD, BRIGHT toggle switches
Power Source	Corded Electric (DC 9V, center negative)
Current Consumption (Pedal)	90mA
Power Adapter Output	DC 9V 500mA
Power Adapter Input	100-240V 50-60Hz
Power Adapter Cord Length	150cm / 4.92ft
Pedal Dimensions (L*W*H)	125mm * 78.5mm * 48mm (4.92in * 3.09in * 1.89in)

Feature	Detail
Pedal Weight	388g / 0.86lb
Color	Black

Lightweight | Portable

Dimensions: 125*78.5*48mm / 4.92*3.09*1.89in

Weight: 388g / 0.86lb



Image: Dimensions of the JOYO RIGEL PREAMP R-24 pedal.

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: The JOYO DC 9V 500mA power adapter, highlighting its smart IC control for protection and 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

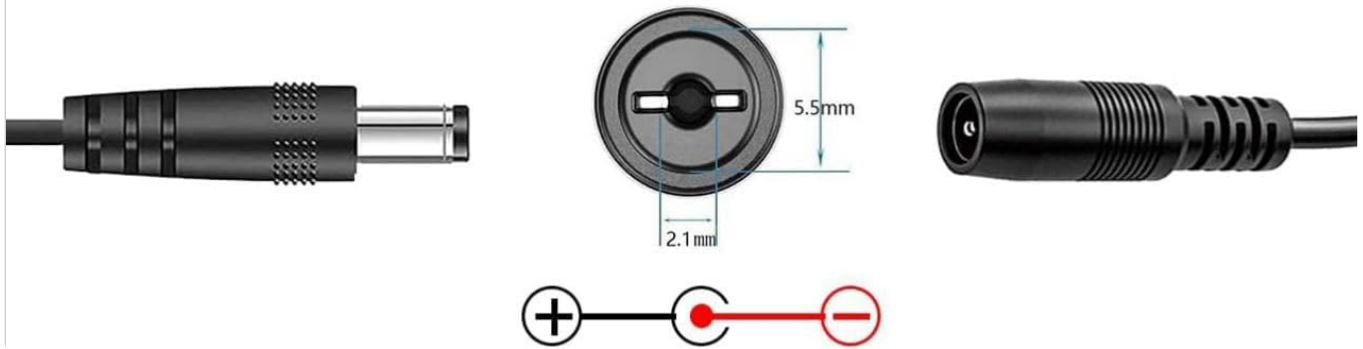


Image: Detailed view of the JOYO DC 9V 500mA power adapter, showing its specifications and the center-negative polarity diagram.

Work for Most Brand Effect Pedals & Keyboards



Image: Diagram illustrating the wide compatibility of the JOYO DC 9V 500mA power adapter with various effect pedal brands.

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your JOYO RIGEL PREAMP R-24 pedal and power supply, please refer to the official JOYO website or contact JOYO customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can visit the JOYO Store on Amazon for more information: [JOYO Official Store](#)

