

JOYO Manufacturer-JOYO-R09-0010

JOYO Vision R-09 Dual Modulation Multi Effects Pedal User Manual

Model: Manufacturer-JOYO-R09-0010 | Brand: JOYO

INTRODUCTION

The JOYO Vision R-09 is a dual-channel modulation multi-effects pedal designed for electric guitars, offering a wide range of tonal possibilities. It supports stereo input and output, providing flexibility for various setups. Each of its two independent effects channels features 9 distinct effects, allowing for extensive sound shaping. The pedal incorporates independent controls for speed/rate, control, and depth/mix for each effect, along with a 3-position toggle switch to select the output sequence of the two effects. Its robust metal enclosure and unique ambient lighting combine futuristic and retro aesthetics, making it a versatile and visually appealing addition to any musician's setup.

KEY FEATURES

- **Dual Channel Modulation:** Two independent effect channels (Mode A and Mode B).
- **Stereo Input and Output:** Supports versatile connection options for mono or stereo setups.
- **9 Effects Per Channel:** Each channel offers 9 unique modulation effects, totaling 18 modulation effects.
- **Independent Controls:** Each effect has dedicated "SPEED/RATE", "CONTROL", and "DEPTH/MIX" knobs.
- **Output Sequence Toggle:** A 3-position toggle switch allows selection of the effects' output sequence (A+B, B+A, A&B Parallel).
- **Independent Tap Tempo:** Control the tempo of effects with dedicated tap tempo functionality.
- **True Bypass Design:** Minimizes tone loss and maintains a clean signal path when the effect is disengaged.
- **Durable Construction:** Housed in a sturdy metal enclosure.
- **Ambient Lighting:** Features iconic ambient lights for enhanced visual appeal.

SETUP

Power Requirements

The JOYO Vision R-09 pedal requires a DC 9V power supply (center minus). The rated current consumption is 170mA. It is recommended to use a JOYO original power adapter or another reliable brand that meets these specifications to ensure proper operation and avoid unexpected noise.

Connections

Ensure all connections are secure before operating the pedal. The pedal supports both mono and stereo input/output configurations.

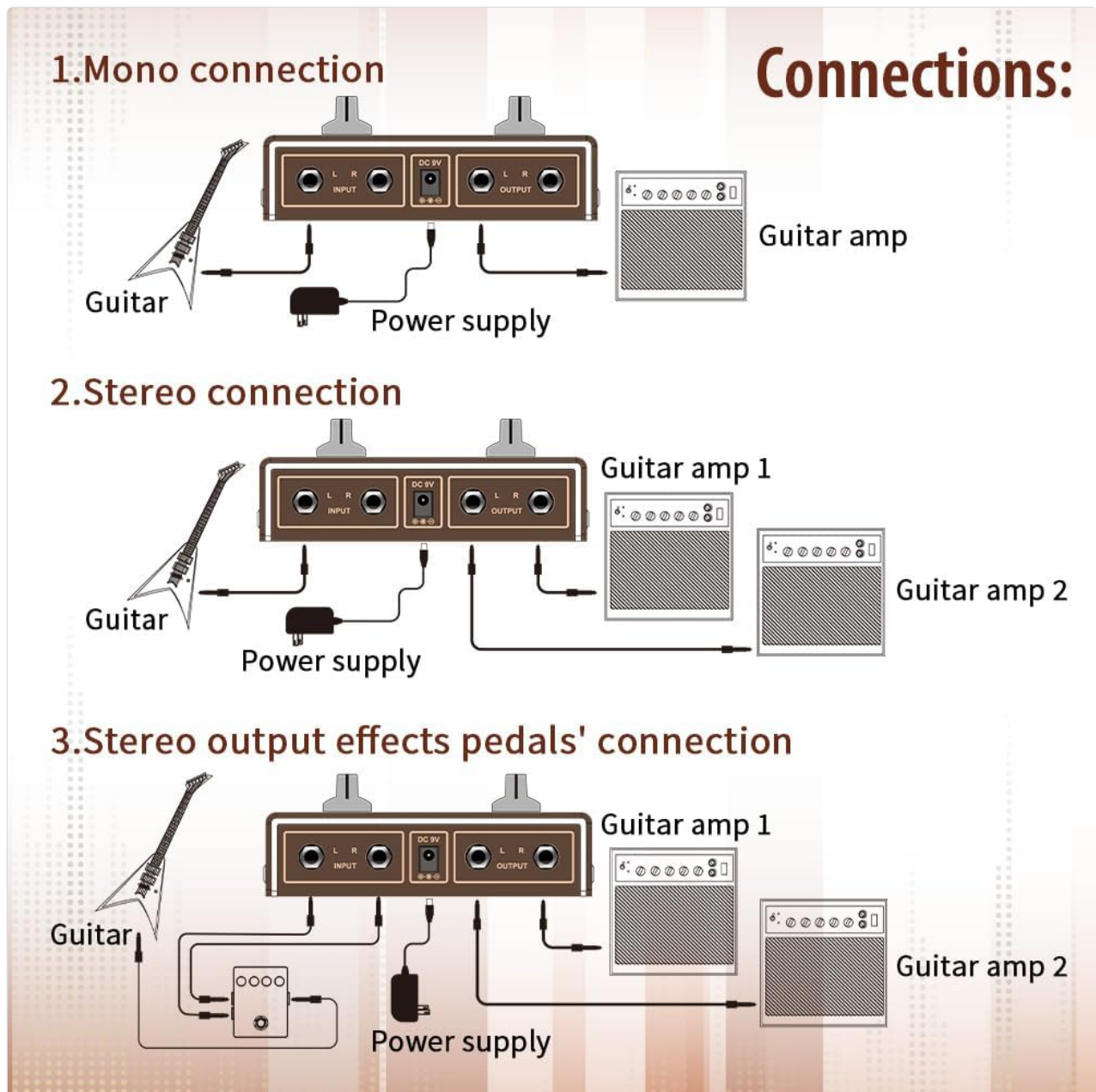


Figure 1: Connection diagrams for mono, stereo, and stereo output effects pedal setups.

- **Mono Connection:** Connect your guitar to the L (Mono) input and the L (Mono) output to your guitar amplifier.
- **Stereo Connection:** Connect your guitar to the L (Mono) input. For stereo output, connect the L output to Guitar Amp 1 and the R output to Guitar Amp 2.
- **Stereo Output Effects Pedals Connection:** For more complex setups, you can integrate other effects pedals.

Connect your guitar to the L (Mono) input, then route the signal through other effects pedals before connecting to the L and R outputs for stereo amplification.



Figure 2: Stereo input/output jacks and series/parallel connection options.

OPERATING INSTRUCTIONS

The JOYO Vision R-09 features two independent modulation channels, Mode A and Mode B, each with its own set of effects and controls. The pedal's intuitive layout allows for easy adjustment of various parameters to achieve desired tones.



Figure 3: Overview of the JOYO Vision R-09 pedal controls.

Controls Overview

- **SPEED/RATE Knobs:** Adjust the speed or rate of the selected modulation effect for both Mode A and Mode B.
- **CONTROL Knobs:** Modify specific characteristics of the chosen effect within each mode.

- **DEPTH/MIX Knobs:** Control the intensity or mix level of the effect with your dry signal.
- **TYPE A/TYPE B Switches:** Select one of the 9 modulation effects available for each channel.
- **MODE A/MODE B Footswitches:** Engage or bypass the respective modulation channel. Hold for Tap Tempo.
- **B+A / A+B / A&B Toggle Switch:** Determines the signal flow and interaction between Mode A and Mode B effects.
 - **B+A:** Signal flows through Mode B, then Mode A.
 - **A+B:** Signal flows through Mode A, then Mode B.
 - **A&B (Parallel):** Signal flows through both Mode A and Mode B in parallel.

Adjusting Effects

Each channel (Mode A and Mode B) offers 9 distinct modulation effects. Use the TYPE A/TYPE B switches to select the desired effect. Then, fine-tune the sound using the SPEED/RATE, CONTROL, and DEPTH/MIX knobs for that specific effect.



Figure 4: The JOYO Vision R-09 features 2 independent modules containing 18 effects in total.



Figure 5: Both Mode A and Mode B feature independent SPEED/RATE, CONTROL, and MIX knobs, along with independent TAP TEMPO for various tones.

Tap Tempo Functionality

The Tap Tempo function allows you to set the speed of certain effects by tapping the footswitch. To activate Tap Tempo, hold down the corresponding MODE A or MODE B footswitch. Then, tap the footswitch rhythmically to set the desired tempo.

Official Product Video

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Video 1: Official product overview of the JOYO Vision Dual Channel Modulation Multi Effect Pedal (R09), demonstrating its features and sound capabilities.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment away from extreme temperatures and direct sunlight.
- **Power Supply:** Always use the correct power supply (DC 9V, center minus) to prevent damage. Disconnect power when not in use for extended periods.
- **Connections:** Regularly check all cables and connections for wear and tear. Ensure plugs are fully inserted into jacks.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or weak signal	Incorrect connections, faulty cables, incorrect power supply, low guitar output.	Check all cable connections. Replace faulty cables. Ensure correct DC 9V power supply is used. Check guitar volume and pickups.
Unwanted noise/hum	Improper power supply, ground loop, interference from other electronics.	Use a regulated DC 9V power supply specifically designed for pedals. Try isolating the pedal's power. Ensure proper grounding of all equipment.
Effect not engaging/bypassing	Footswitch malfunction, internal circuit issue.	Ensure the footswitch is pressed firmly. If the issue persists, contact customer support.
LED lights not working	Power issue, internal wiring.	Check power supply. Ensure the ambient light toggle switch (if present) is in the ON position.

SPECIFICATIONS

- **Item Weight:** 425 Grams (15 ounces)
- **Product Dimensions:** 5.12"L x 1.97"W x 4.33"H (13 x 5 x 11 cm)
- **Color:** Brown Gold
- **Style:** Modulation, Multi Effects
- **Brand:** JOYO
- **Voltage:** 9 Volts (DC)
- **Power Source:** Corded Electric
- **Musical Style:** Pop, Rock, Blues, Jazz
- **Material Type:** Aluminum, Stainless-Steel, Carbon Fiber, Alloy
- **Signal Format:** Digital
- **Hardware Interface:** 1/4-inch Audio
- **Connector Type:** 1/4-Inch Right Angle to Straight, 1/4-Inch Straight, 1/4-Inch Right Angle
- **Compatible Devices:** Guitar, Effect Pedals, Electric Guitar, Guitar Amplifier
- **Country of Origin:** China
- **Date First Available:** March 10, 2020
- **Item Model Number:** Manufacturer-JOYO-R09-0010

Specifications

Input impedance: 1M Ω

Output Impedance: 100 Ω

Sample rate: 44.1K

Sampling accuracy: 24bit

Working Voltage: DC 9V (center minus)

Rated current consumption: 170mA

Item Weight: 0.94 lb/14.99 ounces



Figure 6: Physical dimensions and key specifications of the JOYO Vision R-09 pedal.

WHAT'S IN THE BOX

- Guitar Effect Pedal (Power supply not included)
- User Manual

WARRANTY AND SUPPORT

JOYO Technology is committed to providing professional digital products for music education. For any product issues or support inquiries, please refer to the official user manual provided in the box or visit the [JOYO Store on Amazon](#). You can also send a message to the seller via your order details for assistance.

A digital version of the user manual can be found [here](#).