

[Manuals.plus](#) /

› [JOYO](#) /

› JOYO JF-24 Orthros Line Selector Guitar Pedal & CM-05 Patch Cables Instruction Manual

JOYO JF-24

JOYO JF-24 Orthros Line Selector Guitar Pedal & CM-05 Patch Cables Instruction Manual

Model: JF-24 Orthros Selector | Includes: CM-05 Professional Patch Cables

1. INTRODUCTION

Thank you for choosing the JOYO JF-24 Orthros Line Selector Guitar Pedal and CM-05 Professional Patch Cables. This manual provides essential information for the proper setup, operation, and maintenance of your new equipment. Please read it thoroughly before use to ensure optimal performance and longevity.



Image: The JOYO JF-24 Orthros Line Selector Pedal (brown) shown alongside a set of colorful CM-05 patch cables, illustrating the complete product bundle.

2. PRODUCT OVERVIEW: JOYO JF-24 ORTHROS LINE SELECTOR PEDAL

2.1. Controls and Features

JF-24 Line Selector guitar pedals

6 Mode Switch | A/B 2 Effect Loop | Independent Control

1.LINE A LEVEL Control Knob

controls line A's level.

2.LINE B LEVEL Control Knob

controls line B's level.

3.LINE Mode Selection Control Knob

selects the
multiple line mode.



Image: Close-up view of the JOYO JF-24 Orthros Line Selector Pedal, highlighting the 'A Level', 'B Level', and 'Line Mode Selection Control Knob' with numerical labels.

- **A Level Control Knob:** Adjusts the output level of Line A.
- **B Level Control Knob:** Adjusts the output level of Line B.
- **Line Mode Selection Control Knob:** Selects one of the six available looping modes.
- **Footswitch:** Toggles between selected loops or bypass mode, depending on the chosen mode.
- **Input/Output Jacks:** Standard 1/4-inch mono audio jacks for instrument input and output.
- **Send A/Return A:** 1/4-inch mono audio jacks for connecting effects pedals in Loop A.
- **Send B/Return B:** 1/4-inch mono audio jacks for connecting effects pedals in Loop B.
- **DC 9V Input:** Power input for a 9V DC adapter (center negative).

2.2. Looping Modes

6 Looping Mode

- 1.A/B: Switch between Line Loop A and Line Loop B.
- 2.A/BYPASS: Line Loop A or BYPASS.
- 3.B/BYPASS: Line Loop B or BYPASS.
- 4.A/B/BYPASS: Line Loop A, Line Loop B, BYPASS.
- 5.A+B/BYPASS: Mix Line Loop A and Line Loop B, BYPASS.
- 6.A/B/BYPASS: Line Loop A, Line Loop B, DIRECT.



Image: A visual representation of the JF-24 pedal with lines indicating the signal flow for each of the 6 looping modes, controlled by the rotary knob.

1. **A/B:** Switches between Line Loop A and Line Loop B.
2. **A/Bypass:** Switches between Line Loop A and a true bypass signal.
3. **B/Bypass:** Switches between Line Loop B and a true bypass signal.
4. **A+B/Bypass:** Switches between both Line Loops A and B active simultaneously, and a true bypass signal.
5. **A/B/Bypass:** Cycles through Line Loop A, Line Loop B, and true bypass with each footswitch press.
6. **A/B/Out Select:** Switches the input signal to either the main output, Send A, or Send B, allowing for amp switching or routing to different destinations.

3. PRODUCT OVERVIEW: CM-05 PROFESSIONAL PATCH CABLES

The CM-05 Professional Patch Cables are designed to connect various guitar and bass pedals in series, ensuring improved signal clarity and low loss. This bundle includes a 6-pack of these high-quality cables.

3.1. Cable Construction



Image: Cross-section diagram of the CM-05 patch cable, detailing its internal components: OFC Conductor, LPE Insulation, PVC Shield, Copper Spiral Shield, and High Quality PVC Jacket.

- **OFC Conductor:** Oxygen-Free Copper conductor for optimal signal transfer.
- **LPE Insulation:** Low-density polyethylene insulation to minimize signal loss.
- **PVC Shield & Copper Spiral Shield:** Dual shielding for effective noise reduction and strong anti-interference.
- **High Quality PVC Jacket:** Durable outer jacket for protection and longevity.

3.2. Plug Design

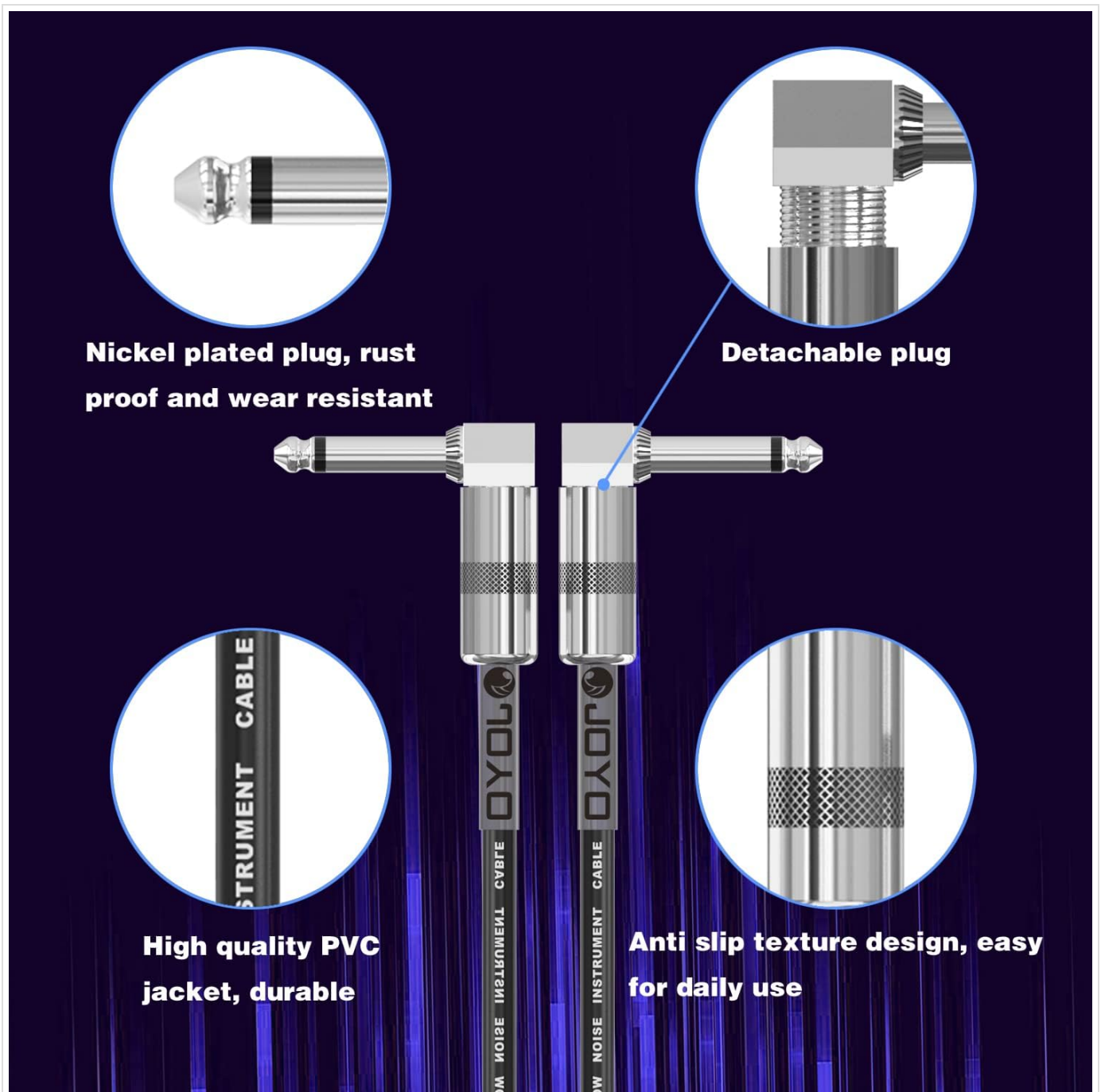


Image: Detailed view of the CM-05 patch cable's nickel-plated, detachable 6.3mm plugs with anti-slip texture.

- **Nickel Plated Plug:** Rust-proof and wear-resistant for reliable connection.
- **Detachable Plug:** Allows for easy maintenance and customization.
- **Anti-slip Texture Design:** Enhances grip for daily use.

4. SETUP INSTRUCTIONS

4.1. Power Connection

Connect a standard 9V DC power adapter (center negative) to the DC 9V input jack on the JF-24 pedal. Ensure the power supply is stable and provides the correct voltage and polarity to prevent damage.

4.2. Basic Signal Chain Connection

1. Connect your instrument (e.g., guitar) to the **INPUT** jack of the JF-24 using a standard 1/4-inch instrument cable.
2. Connect the **OUTPUT** jack of the JF-24 to your amplifier or next pedal in the signal chain using a standard 1/4-inch instrument cable.

4.3. Connecting Effects Loops (Loop A and Loop B)

A/B: 2 Line Loops

1. Features 2 line loops, you can switch between them easily.
2. Line Loop A and Line Loop B have LEVEL Control Knobs respectively, delivering multiple output effects according to different modes.



Image: The JF-24 pedal with highlighted 'Send A', 'Return A', 'Send B', and 'Return B' jacks, indicating where to connect external effects pedals to create two independent loops.

1. **For Loop A:** Connect the **SEND A** jack to the input of your first effect pedal in Loop A. Connect the output of the last effect pedal in Loop A to the **RETURN A** jack.
2. **For Loop B:** Connect the **SEND B** jack to the input of your first effect pedal in Loop B. Connect the output of the last effect pedal in Loop B to the **RETURN B** jack.
3. Use the provided CM-05 patch cables for connecting pedals within each loop for optimal signal integrity.

4.4. Visual Demonstration of Connections

Video: A detailed demonstration by JoyoPedals showing various connection setups for the JF-24 Line Selector, including connecting an instrument, amplifier, and multiple effects pedals within the loops.

Video: A demonstration by EX Effects Device showcasing the connection and basic operation of a guitar effects loop switcher, which is conceptually similar to the JF-24's looping functionality.

Video: A preview by JFOUT demonstrating the Sonic One Loop pedal, illustrating AB line selection and loop functionality, which can be

applied to understanding the JF-24.

Video: A preview by JFOUT demonstrating the Sonicake ABY pedal, showing how to switch between two different signal paths, a core function of line selectors.

5. OPERATING INSTRUCTIONS

5.1. Selecting Looping Modes

Rotate the **Line Mode Selection Control Knob** to choose your desired looping mode (A/B, A/Bypass, B/Bypass, A+B/Bypass, A/B/Bypass, or A/B/Out Select). The selected mode determines how the footswitch will function.

5.2. Using the Footswitch

Once a mode is selected, press the footswitch to toggle between the active loops or bypass state as defined by the chosen mode. The LED indicators (A and B) will illuminate to show which loop(s) are currently active.

5.3. Adjusting Loop Levels

Use the **A Level Control Knob** and **B Level Control Knob** to adjust the output volume of Line A and Line B, respectively. This allows for balancing the volume of different effects chains or creating volume boosts/cuts when switching between loops.

5.4. Using as an Amp Switcher (A/B/Out Select Mode)

In **A/B/Out Select** mode, the JF-24 can function as an amp switcher. Connect your instrument to the main INPUT. Connect different amplifiers or signal destinations to the main OUTPUT, SEND A, and SEND B jacks. The footswitch will then cycle your instrument's signal through these three outputs, allowing you to switch between different amps or signal paths.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal and cables. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pedal and cables in a dry, cool place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the patch cables to prevent internal damage. Regularly check plugs for secure connections.
- **Power:** Always disconnect the power supply when the pedal is not in use for extended periods.

7. TROUBLESHOOTING

- **No Sound:**
 - Check all cable connections (instrument, amplifier, power, effects loops).
 - Ensure the power adapter is correctly connected and functioning.
 - Verify the selected looping mode and footswitch status.
 - Check the 'A Level' and 'B Level' knobs are not set to minimum.
- **Signal Loss/Noise:**
 - Ensure all cables, especially the CM-05 patch cables, are securely connected and not damaged.
 - Test individual pedals in the loops to identify any faulty units.
 - Ensure the power supply is free from interference.
- **LEDs Not Lighting Up:**

- Check power connection.
- If using a battery (though this model is primarily corded electric, some similar pedals support it), ensure it is fresh and correctly installed.

8. SPECIFICATIONS

Feature	Specification
Brand	JOYO
Model	JF-24 Orthros Selector
Compatible Devices	Musical Instrument
Signal Format	Analog
Power Source	Corded Electric (DC 9V, center negative)
Controls Type	Push Button (Footswitch), Rotary Knobs
Included Cables	CM-05 Professional Patch Cables (6-pack)

9. WARRANTY AND SUPPORT

JOYO is committed to customer satisfaction. For any issues or inquiries regarding your JF-24 Orthros Line Selector Pedal or CM-05 Patch Cables, please contact our customer service. We strive to provide excellent service and resolve any concerns promptly.

Please retain your proof of purchase for warranty claims.

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

you@example.com

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