

JOYO JF-07

JOYO Classic Flanger Effect Pedal JF-07 and DC 9V 500mA Power Adapter User Manual

Model: JF-07

1. INTRODUCTION

Thank you for purchasing the JOYO Classic Flanger Effect Pedal JF-07 and the included DC 9V 500mA Pedal Power Adapter. This manual provides essential information for the proper setup, operation, and maintenance of your new effect pedal and power supply. Please read this manual thoroughly before use to ensure optimal performance and longevity of your equipment.



Classic Flanger guitar effect pedal

Uses the BBD circuit to achieve great metallic flange sounds, wave like chorus sounds plus rapid tremulous vibratos!

Image 1.1: JOYO Classic Flanger pedal in use, demonstrating its sound capabilities.

2. PRODUCT OVERVIEW

The JOYO Classic Flanger JF-07 is a guitar effect pedal designed to produce a range of flanger effects, from metallic flange to wave-like chorus and rapid vibratos, utilizing a BBD circuit. It features true bypass for minimal tone loss when disengaged. The pedal is powered by a DC 9V power supply.

2.1. Controls and Functions

True Bypass & Four Control Knobs:

Minimize tone loss and keep a clean signal path.

- ❶ **REGEN:** Effect strength.
- ❷ **DELAY TIME:** Effect frequency (Delay Time: 0.9ms–6.4ms)
- ❸ **WIDTH:** Effect depth.
- ❹ **SPEED:** Effect speed (Speed Range: 0.4Hz–8Hz)



Image 2.1: Front panel of the JOYO Classic Flanger pedal with control knobs.

- **REGEN:** Controls the effect strength or feedback. Adjusting this knob changes the intensity of the flanger effect.
- **DELAY TIME:** Adjusts the effect frequency. This knob controls the delay time of the modulated signal, ranging from 0.9ms to 6.4ms.
- **WIDTH:** Determines the effect depth. This knob controls the sweep range of the flanger effect.
- **SPEED:** Controls the effect speed. This knob adjusts the rate of the flanger's modulation, with a speed range of 0.4Hz to 8Hz.
- **FOOTSWITCH:** Engages or disengages the effect. When the effect is disengaged, the pedal operates in true bypass mode.

3. SETUP

Proper setup is crucial for optimal performance and to avoid unwanted noise. Follow these steps to connect your JOYO

3.1. Connecting the Pedal

DC 9V Powered & LED Indicator

- 1 Power Supply: 6F22 Battery/ DC 9V Power Adapter(Not included)
Running Current: 20mA



- 2 Output Jack–Single ¼ inch (10KΩ)



- 3 Input Jack–Single ¼ inch (500KΩ)



- 4 LED Indicator–working state



Image 3.1: Connection diagram for the JOYO Classic Flanger pedal.

1. Connect your guitar to the **INPUT Jack** (1/4-inch mono) on the right side of the pedal.
2. Connect the **OUTPUT Jack** (1/4-inch mono) on the left side of the pedal to your amplifier or the next pedal in your signal chain.
3. Ensure all connections are secure before applying power.

3.2. Powering the Pedal

Power Supply Note:

1. Keep the pedal fully connected with guitar and amp.
2. Powered with DC 9V adapter, central negative.
3. Recommended to choose JOYO original power adapter(Not included), or other reliable brands.



Image 3.2: Power supply connection point on the JOYO Classic Flanger pedal.

- The pedal requires a **DC 9V power supply with a 500mA current rating** and a **center-negative polarity**. The included adapter meets these specifications.
- Connect the DC 9V power adapter to the **DC 9V input jack** on the top of the pedal.
- The pedal can also be powered by a 6F22 battery (not included).
- The **LED Indicator** will illuminate when the pedal is powered and the effect is active.

4. OPERATION

Once the pedal is connected and powered, you can begin to explore its flanger effects. Use the control knobs to shape your sound.

1. Turn on your amplifier and guitar.
2. Press the footswitch to engage the flanger effect. The LED indicator will light up.
3. Adjust the **REGEN** knob to control the intensity of the flanger sweep. Higher settings create a more pronounced,

resonant effect.

4. Adjust the **DELAY TIME** knob to change the fundamental frequency of the flanger. This can shift the character from subtle to more pronounced.
5. Adjust the **WIDTH** knob to control the depth of the flanger's sweep. Lower settings result in a shallower, more subtle effect, while higher settings create a deeper, more dramatic sweep.
6. Adjust the **SPEED** knob to control how fast the flanger effect modulates. Slower speeds create a gentle, swirling effect, while faster speeds can produce rapid tremulous vibratos.
7. Experiment with different combinations of these controls to achieve a wide range of flanger, chorus-like, and vibrato sounds.
8. Press the footswitch again to disengage the effect. The LED indicator will turn off, and the pedal will operate in true bypass mode.

5. POWER ADAPTER DETAILS

The included DC 9V 500mA pedal power adapter is designed to provide stable and clean power to your effect 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 5.1: Features of the DC 9V 500mA power adapter.

- **Output:** DC 9V, 500mA
- **Polarity:** Center Negative
- **Protection:** Features Smart IC chips for over-current, over-temperature, over-voltage, and over-circuit protection.
- **Noise Reduction:** Designed with professional IC chips for noise reduction and isolation.
- **Cord Length:** Approximately 150cm (4.92ft).

Compatible for Most Brands Pedals(Tips Negative)

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

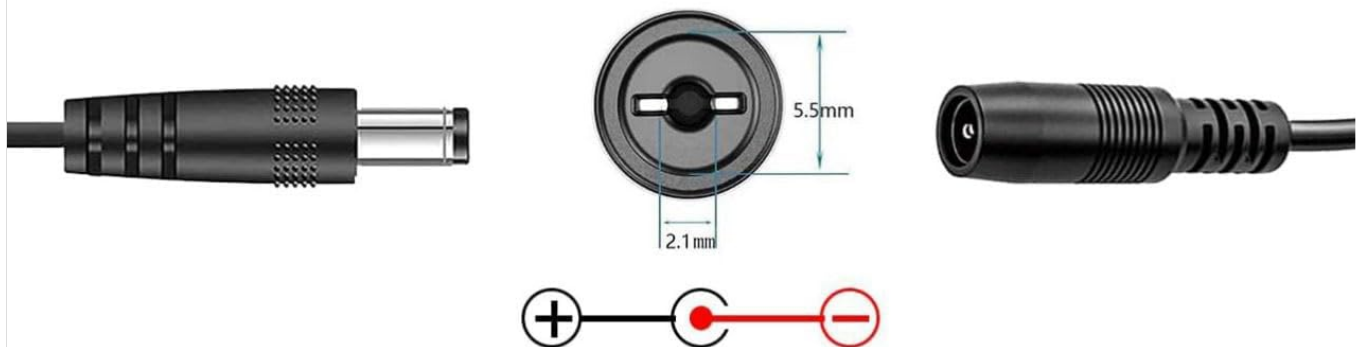


Image 5.2: Power adapter plug specifications.

6. COMPATIBILITY

The JOYO Classic Flanger pedal is designed for electric guitars. The included DC 9V 500mA power adapter is compatible with most brands of pedals requiring a tip-negative 9V power supply.

Work for Most Brand Effect Pedals & Keyboards



Image 6.1: Power adapter compatibility with various pedal brands.

7. 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.
- **Connections:** Periodically check all cables and connections for wear or damage. Ensure jacks are free of dust and debris.
- **Power:** Disconnect the power adapter when the pedal is not in use for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound or weak signal	◦ Incorrect cable connections. ◦ Power adapter not connected or faulty. ◦ Guitar or amplifier volume too low. ◦ Dead battery (if using).	◦ Check all input/output cables are securely connected. ◦ Ensure power adapter is properly connected and functional. ◦ Increase volume on guitar and amplifier. ◦ Replace battery or use power adapter.
Unwanted noise or hum	◦ Poor shielding of guitar circuits or no ground wire. ◦ Amplifier without ground wire. ◦ Poor quality instrument cables. ◦ Noisy pickups (e.g., single coil in high gain). ◦ Interference from other electronic devices.	◦ Use properly shielded cables. ◦ Ensure all equipment is properly grounded. ◦ Try an isolated power adapter (e.g., JOYO isolated power adapter). ◦ Move pedal away from other electronic devices. ◦ Test with different guitars/pickups.
Effect not engaging	◦ Footswitch malfunction. ◦ Power issue.	◦ Ensure the pedal is receiving power (check LED). ◦ Contact customer support if footswitch is unresponsive.

If you encounter any product issues, please refer to your order details and contact customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
Model	JF-07 Classic Flanger
Audio Output Effects	Flanger
Controls Type	Footswitch, Regen, Delay Time, Width, Speed
Hardware Interface	1/4-inch Audio Input/Output
Signal Format	Analog
Power Source	DC 9V (center negative), 6F22 Battery
Running Current	20mA
Power Adapter Output	DC 9V, 500mA (center negative)
Power Adapter Cord Length	150cm / 4.92ft

10. WARRANTY AND SUPPORT

JOYO Technology Co., LTD provides customer support for its products. For any issues or inquiries regarding your JOYO

Classic Flanger Effect Pedal JF-07 or the included power adapter, please contact the seller or JOYO customer service directly through your purchase platform.

Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may vary by region and retailer. Refer to the documentation provided at the time of purchase for detailed warranty information.

When contacting support, please be prepared to provide your product model (JF-07) and details of your purchase.

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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

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