

## JOYO JF-18R

# JOYO Power Tune JF-18R Power Supply Tuner Pedal User Manual

Model: JF-18R

## 1. INTRODUCTION

---

The JOYO Power Tune JF-18R is a versatile pedal that combines an isolated power supply with a precise tuner, designed for guitar and bass effects pedalboards. This unit provides stable, low-noise DC 9V power to multiple pedals while offering accurate tuning capabilities with true bypass functionality.



Figure 1: JOYO Power Tune JF-18R Pedal. This image displays the compact white pedal with its display screen, footswitch, and power outputs.

## 2. PRODUCT FEATURES

- **Integrated Power Supply and Tuner:** Combines two essential pedalboard functions into a single unit, saving space and simplifying setup.
- **Isolated 8-Channel DC 9V Output:** Features 8 isolated outputs to prevent ground loops and noise. Two outputs provide 500mA for high-current digital effects, and six outputs provide 100mA for standard analog pedals.
- **Low Noise Filtered Output:** Designed with filtered outputs to ensure clean power delivery and minimize unwanted noise.
- **Short Circuit and Over Current Protection:** Each output is protected against short circuits and overcurrent conditions, safeguarding your pedals.
- **True Bypass Tuner:** The integrated tuner features true bypass wiring, ensuring that your instrument's

tone remains unaffected when the tuner is disengaged.

- **Large LED Display:** Provides a clear and easy-to-read display for tuning status.
- **Durable Construction:** Housed in a robust aluminum-alloy casing with a stoving varnish finish for stability and longevity.

### 3. PACKAGE CONTENTS

---

Please check the package for the following items:

- JOYO Power Tune JF-18R Pedal
- Power Adapter (for the JF-18R unit)
- DC Power Cords (for connecting pedals)
- Polarity Reversing Cable
- Multi-plug 4 Cable

### 4. SETUP

---

Follow these steps to set up your JOYO Power Tune JF-18R pedal:

1. **Connect Power to JF-18R:** Connect the provided power adapter to the DC 9V input jack (IN) on the JF-18R pedal and plug the adapter into a standard AC outlet.
2. **Connect Instrument:** Plug your guitar or bass into the 1/4-inch input jack (IN) on the right side of the JF-18R pedal.
3. **Connect to Amplifier/Other Pedals:** Connect the 1/4-inch output jack (OUT) on the left side of the JF-18R pedal to your amplifier or the input of your next effects pedal in the signal chain.
4. **Power Your Pedals:** Use the included DC power cords to connect your other effects pedals to the isolated DC 9V outputs on the top of the JF-18R. Ensure you match the current requirements (100mA or 500mA) of your pedals to the correct outputs.

# DC 9V Powered & LED Indicator

❶ 8 isolated DC 9V Output (Center negative)  
2 at 500mA, 6 at 100mA

❷ Output: 1/4 mono port



❸ Input: 1/4 mono port



❹ Footswitch (between  
True Bypass & Tuning mode)

❺ Display Screen

❻ DC 9V Input Adaptor  
(Center negative)

**DC-9V** ⊕ ⊖ ⊖

Working Current: DC120mA

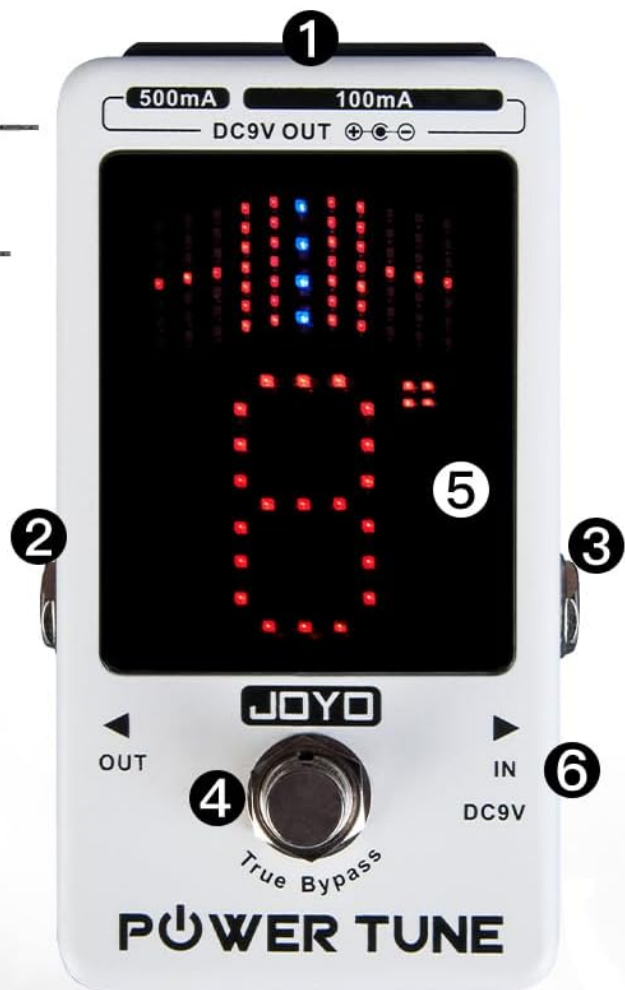


Figure 2: Labeled diagram of the JF-18R pedal. This image highlights the 8 isolated DC 9V outputs, 1/4-inch input and output ports, footswitch, display screen, and DC 9V input adaptor port.

# Connection Mode

- 1 Separate tuning mode.
- 2 Cable with 4 outputs for mutilple effect pedals connection or supply power.



## Power Supply Note:

1. Keep the devices fully connected together.
2. Only use the device within the stipulated power supply or current range.
3. Only use the attachments/accessories specified by the manufacturer.

Figure 3: Connection Mode 1. This diagram illustrates connecting the JF-18R for separate tuning mode, with the guitar connected to the input and the output going to an amplifier or other pedals.

# Connection Mode

- 3** Supply to one or multiple effect pedals or other device with equivalent parameter at the same time.



- 4** Use polarity reversing cable to supply effect pedals or other devices with equivalent parameters.



Figure 4: Connection Mode 2. This diagram shows how to connect multiple effects pedals to the JF-18R's isolated power outputs, demonstrating a typical pedalboard setup.

## 5. OPERATING INSTRUCTIONS

### 5.1. Tuner Function

To use the tuner function:

1. Press the footswitch (labeled "True Bypass") to engage the tuner mode. The LED display will activate.
2. Play a single note on your instrument. The display will show the detected note and indicate whether it is sharp, flat, or in tune.
3. Adjust your instrument's tuning until the display indicates the note is in tune (typically a stable green light or center indicator).
4. Press the footswitch again to disengage the tuner and return to true bypass mode, allowing your signal to pass through unaffected.

### 5.2. Power Supply Function

The JF-18R provides stable power to your effects pedals:

- The **500mA outputs** are suitable for high-current digital pedals such as delays, reverbs, and multi-effects units.
- The **100mA outputs** are ideal for most standard analog pedals like overdrives, distortions, and compressors.
- Always ensure the total current draw of your connected pedals does not exceed the maximum capacity of each output.
- Use the provided DC power cords and polarity reversing cable as needed for your specific pedals. Most pedals use center-negative polarity.



Figure 5: JF-18R integrated into a pedalboard. This image demonstrates the JF-18R connected to other effects pedals, highlighting its true bypass feature and compact integration.

## 6. MAINTENANCE

- Keep the pedal clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Do not expose the unit to excessive moisture, heat, or direct sunlight.

- Ensure all cables are securely connected to prevent intermittent issues.
- Store the pedal in a safe place when not in use to prevent physical damage.

## Stable And Sturdy

- Aluminum alloy casing
- Stoving varnish finish
- Good resistance to rust
- Colorful & exquisite appearance



Figure 6: Close-up of the JF-18R's top panel. This image emphasizes the aluminum alloy casing and robust construction, indicating durability.

## 7. TROUBLESHOOTING

### • No Power to Pedals:

- Ensure the main power adapter for the JF-18R is correctly connected and plugged into a working outlet.
- Verify that the DC power cords connecting the JF-18R to your pedals are secure.
- Check the current draw of your pedals and ensure they are connected to appropriate 100mA or 500mA outputs.
- Test individual pedals with a known working power source to rule out pedal malfunction.

### • Tuner Not Responding/Inaccurate:

- Ensure your instrument is properly connected to the JF-18R's input.

- Play single notes clearly and allow the tuner to register.
- Check for any loose connections in your signal chain.

- **Unwanted Noise/Hum:**







- The JF-18R features isolated outputs to minimize noise. Ensure all pedals are connected to the isolated outputs.
- Check for faulty cables or power adapters.
- Ensure the power adapter for the JF-18R is a genuine JOYO adapter or a reliable alternative that meets specifications.

## 8. SPECIFICATIONS

Feature	Specification
Model	JF-18R (Power Tune)
Input Voltage	DC 9V (Center Negative)
Output Channels	8 Isolated DC 9V Outputs
Output Current (High)	2 x 500mA
Output Current (Standard)	6 x 100mA
Tuner Type	Chromatic
Bypass Type	True Bypass
Material	Aluminum Alloy
Dimensions	6.69"L x 3.94"W x 2.36"H (170mm x 100mm x 60mm)
Item Weight	1.54 pounds (700 grams)
Date First Available	March 10, 2020

## 9. WARRANTY AND SUPPORT

JOYO Technology Co., LTD provides a warranty for its products. For specific warranty details and duration, please refer to the warranty card included with your product or visit the official JOYO website. If you encounter any issues or require technical assistance, please contact the seller directly through your order details for prompt support. JOYO is committed to providing excellent customer service and support for its products.

	<p><a href="#">JOYO Green Legend Overdrive Guitar Effect Pedal - Specifications and Features</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="#">JOYO JF-15 CALIFORNIA SOUND Guitar Effect Pedal User Manual</a></p> <p>User manual for the JOYO JF-15 CALIFORNIA SOUND guitar effect pedal, detailing warnings, battery replacement, usage instructions, specifications, and manufacturer service information.</p>
	<p><a href="#">JOYO JF-16 British Sound Guitar Effect Pedal User Manual</a></p> <p>Comprehensive user manual for the JOYO JF-16 British Sound guitar effect pedal, covering warnings, battery replacement, usage instructions, technical specifications, and warranty information.</p>
	<p><a href="#">JOYO JF-13 AC TONE Guitar Effect Pedal User Manual</a></p> <p>User manual for the JOYO JF-13 AC TONE guitar effect pedal, providing detailed instructions on operation, battery replacement, specifications, and safety precautions.</p>
	<p><a href="#">JOYO JF-34 US DREAM Guitar Effect Pedal User Manual</a></p> <p>Comprehensive user manual for the JOYO JF-34 US DREAM guitar effect pedal. Includes safety warnings, battery replacement instructions, detailed usage guide for DIST, TONE, and VOLUME controls, and technical specifications. Features information on JOYO TECHNOLOGY CO., LTD.</p>
	<p><a href="#">JOYO DARK FLAME R-17 Distortion Guitar Effect Pedal Manual</a></p> <p>Comprehensive user manual and product overview for the JOYO R-17 DARK FLAME distortion guitar effect pedal, part of the Revolution Series. Includes specifications, control descriptions, LED lighting modes, warranty information, and manufacturer details.</p>