

**Rowin LEF-329**

# Rowin 8 Isolated 9V DC Outputs Mini Power Supply for Guitar Effects Pedal

## USER MANUAL

### 1. Introduction and Overview

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The Rowin Mini Power Supply is designed to provide stable and isolated 9V DC power to your guitar effects pedals. Its compact size makes it ideal for various pedalboard setups, ensuring a clean and reliable power source for optimal audio performance. This manual provides detailed instructions for setup, operation, and maintenance of your device.



Figure 1: The Rowin Mini Power Supply unit along with its power adapter, 9V DC cables, and polarity conversion cables.

## 2. Key Features

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- **8 Isolated 9V DC Outputs:** Provides independent power to up to eight guitar effects pedals, minimizing noise and interference. Each output delivers a maximum of 300mA.
- **Short-Circuit Protection:** Built-in protection circuitry safeguards your pedals and the power supply from damage due to short circuits.
- **Durable Construction:** Housed in a high-quality zinc alloy casing, ensuring longevity and robustness for road use.
- **Compact and Lightweight Design:** Its mini size saves valuable space on your pedalboard, making it highly portable.
- **LED Indicators:** Features input and output LED indicator lights for easy status monitoring.

## 3. Package Contents

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Please verify that all items listed below are included in your package:

- 1 x Rowin Mini Power Supply Unit
- 1 x 12V DC Power Adapter (US plug)

- 8 x 300mm DC Power Cables (for connecting pedals)
- 2 x 220mm Polarity Conversion Cables (for pedals requiring center positive polarity)
- 1 x User Manual (English and Chinese)

## 4. Setup Instructions

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Follow these steps to set up your Rowin Mini Power Supply:

1. **Placement:** Position the Rowin Mini Power Supply on your pedalboard in a convenient location. Its compact design allows for flexible placement.
2. **Connect Power Adapter:** Insert the barrel connector of the included 12V DC power adapter into the "DC IN 12V" port on the power supply unit. Plug the power adapter into a standard AC wall outlet. The input LED indicator will illuminate.
3. **Connect Pedals:** Use the provided 300mm DC power cables to connect your guitar effects pedals to the "DC OUT 9V" ports on the power supply. Each port is isolated and provides 9V DC power. Ensure the polarity of the cable matches the requirements of your pedal (standard is center negative).
4. **Polarity Conversion (if needed):** For pedals that require center positive polarity, use one of the two 220mm polarity conversion cables. Connect one end of the conversion cable to a "DC OUT 9V" port on the power supply, and the other end to your pedal.



Figure 2: Top view of the power supply, highlighting the DC IN 12V port and the 8 isolated DC OUT 9V ports.



Figure 3: Example of the power supply connected to multiple pedals, demonstrating cable management.

## 5. Operating the Power Supply

Once all connections are made, the Rowin Mini Power Supply operates automatically. The blue LED indicators above each output port will illuminate when a pedal is connected and drawing power, confirming a successful connection. The total output current from all 8 channels should not exceed 2A.

The isolated outputs ensure that if one pedal experiences a short circuit, it will not affect the power supply or other connected pedals, maintaining the integrity of your signal chain.

## 6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, disconnect the power supply from the wall outlet and store it in a dry, cool place.
- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage.
- **Ventilation:** While the unit is compact, ensure it is not covered during operation to allow for proper heat dissipation.

## 7. Troubleshooting

Problem	Possible Cause	Solution
No power to pedals / LEDs not lighting up.	<ul style="list-style-type: none"> <li>◦ Power adapter not connected or faulty.</li> <li>◦ Wall outlet not providing power.</li> <li>◦ Damaged DC cable.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure 12V DC adapter is securely connected to the unit and wall outlet.</li> <li>◦ Test the wall outlet with another device.</li> <li>◦ Try a different DC cable.</li> </ul>

Problem	Possible Cause	Solution
Humming or unwanted noise from pedals.	<ul style="list-style-type: none"> <li>Ground loop issues.</li> <li>Pedal requiring more current than 300mA.</li> <li>Faulty pedal or cable.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure all audio cables are properly shielded and connected.</li> <li>Check pedal current requirements; some digital pedals may exceed 300mA.</li> <li>Isolate the problematic pedal by testing it with a separate power source.</li> </ul>
One pedal not working, others are fine.	<ul style="list-style-type: none"> <li>Faulty DC cable to that pedal.</li> <li>Pedal itself is faulty.</li> <li>Incorrect polarity for the pedal.</li> </ul>	<ul style="list-style-type: none"> <li>Replace the DC cable for that specific pedal.</li> <li>Test the pedal with batteries or another known good power source.</li> <li>Verify pedal polarity (center negative vs. center positive) and use conversion cable if necessary.</li> </ul>

## 8. Specifications

<b>Material</b>	Zinc alloy
<b>Power Input</b>	12V DC, 2A
<b>Power Output</b>	8 x 9V DC (Each max. 300mA)
<b>Total Output Current</b>	Max. 2A from 8 channels
<b>Dimensions (D*W*H)</b>	95mm * 45mm * 48mm (3.74 x 1.77 x 1.89 inches)
<b>Weight</b>	628g (1.2 pounds with box)
<b>Model Number</b>	LEF-329

## 9. Contact and Support

For any questions, technical support, or service inquiries, please contact Rowin customer service through the official channels provided at the point of purchase or on the Rowin official website. Please have your product model number (LEF-329) ready when contacting support.