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> [Vangoa PD-L Extra Large Guitar Pedal Board with Isolated Power Supply User Manual](#)

Vangoa PD-L

Vangoa PD-L Extra Large Guitar Pedal Board with Isolated Power Supply User Manual

Model: PD-L | Brand: Vangoa

PRODUCT OVERVIEW

The Vangoa PD-L Guitar Pedal Board is an extra-large, aluminum alloy pedalboard designed for musicians requiring a robust and versatile setup. It features a built-in isolated power supply, an adjustable light bar, and comes with a wheeled gig bag for convenient transport. This manual provides essential information for the proper setup, operation, and maintenance of your pedal board.

One board does it all Upgraded Oversized

High-strength Aluminum Alloy Material Supports up to 60kg

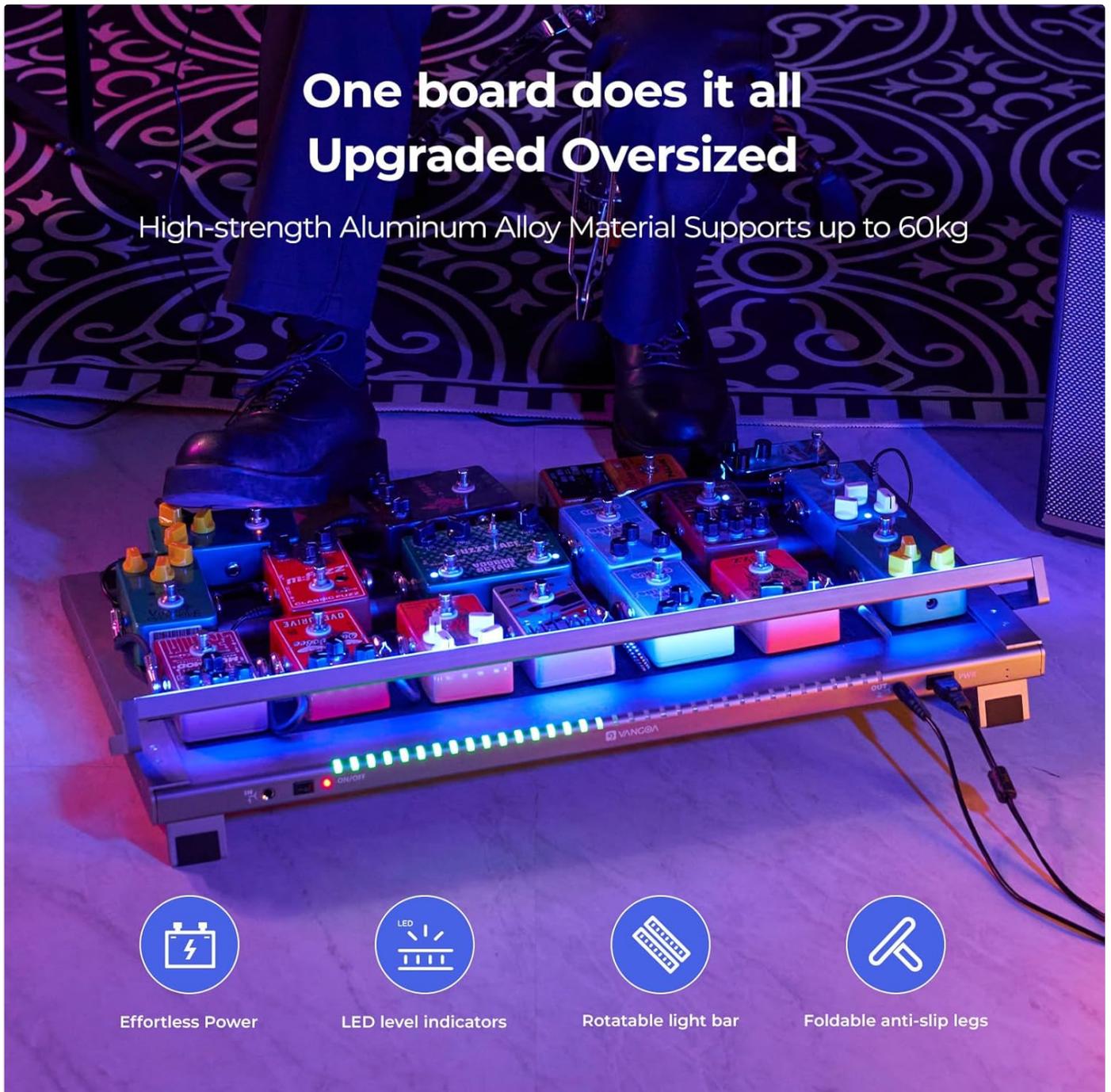


Figure 1: Vangoa PD-L Pedal Board with pedals and illuminated light bar.

Key Features:

- **Sturdy and Stable Construction:** Made from thickened aluminum alloy with a reinforced assembly structure for enhanced durability and stability.
- **Integrated Isolated Power Supply:** Provides clean, noise-free power with 14 outputs (9V, 500mA), plus dedicated 12V, 15V, and 18V options for diverse pedal requirements.
- **Adjustable Light Bar:** Features a front-mounted LED level indicator and a unique light bar with adjustable height, brightness, color, and flashing modes for visibility in low-light conditions and dynamic visual effects.
- **Spacious Design:** Extra-large 25.2" x 13.8" structure accommodates over 16 regular guitar pedals, with 2.1" wide attachment areas for efficient cable management.
- **Convenient Wheeled Trolley Bag:** Includes a gig bag with wheels and a retractable handle for easy transport, reducing strain. Features a spacious interior and a large front pocket for accessories.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the wheeled gig bag. Verify that all items listed in the packing list are present: PD-L Power Board, pre-cut Hook & Loop strips, upgraded power adapter, DC power cables (15cm, 30cm, 50cm), and this manual.
2. **Positioning the Pedal Board:** Place the pedal board on a stable, flat surface. Extend the retractable support legs if an angled setup is desired. Ensure the legs are securely locked into position.



Figure 2: Foldable legs for angled setup or flat storage.

3. **Applying Hook & Loop:** Apply the provided pre-cut Hook & Loop strips to the top surface of the pedal board. Ensure the strips are firmly pressed down for maximum adhesion. Apply the corresponding Hook & Loop strips to the bottom of your guitar pedals.

14+4 Isolated Power Supply

Enhanced power output: Wider milliamp range and more ports:



Great Versatility



Low Noise



Limitless Power



Figure 3: Applying Hook & Loop to the pedal board.

4. **Arranging Pedals:** Place your guitar pedals onto the Hook & Loop strips on the board, arranging them in your desired signal chain. The spacious design allows for flexible placement.

Foldable Color-changing Light Bar

Operate effortlessly in the dark and light up your show!

Pull up the light bar
to automatically light up



Fold the light bar to
turn off the light



5 lighting modes, switch with one knob



01 White



02 Pink



03 Light green



04 Light blue

05 The light bar displays different colors at fixed time intervals:

Pink, Light green, Light blue

Figure 4: Arranging pedals on the board.

5. **Connecting Power:** Connect the provided DC power cables from the isolated power supply outputs on the pedal board to your individual pedals. The pedal board offers 14 x 9V 500mA outputs, 2 x 12V 500mA outputs, 1 x 15V 500mA output, and 1 x 18V 800mA output. Ensure correct voltage and polarity for each pedal.

Shine on the Pedal Board,
Let Your Music Dazzle!

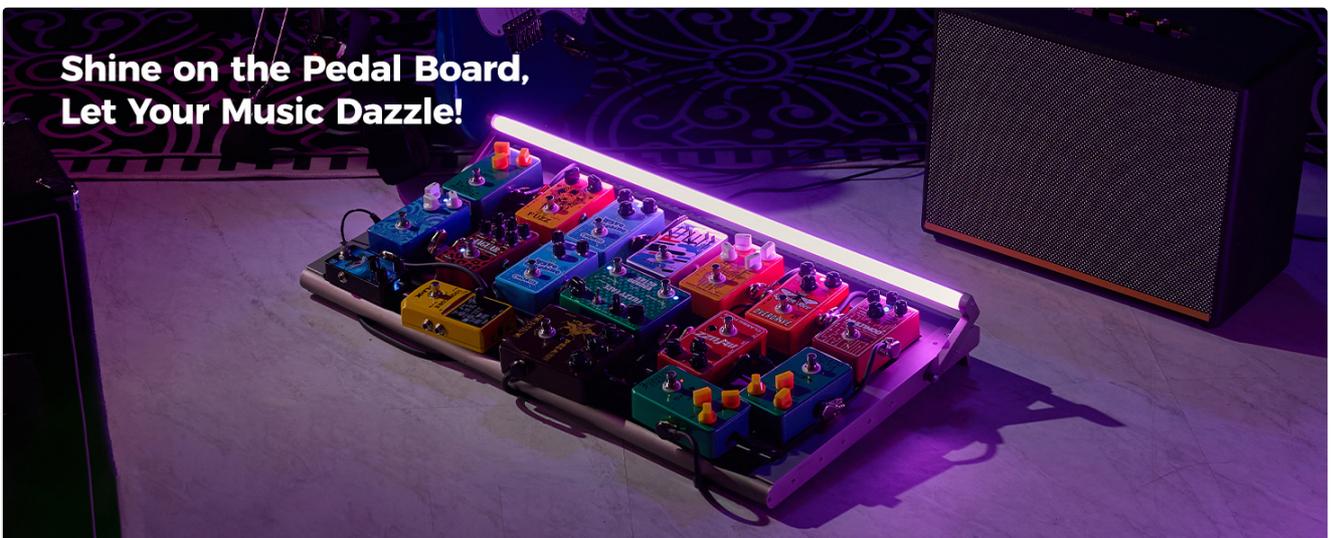


Figure 5: Power output options on the pedal board.

6. **Main Power Connection:** Connect the upgraded power adapter to the pedal board's main power input and then to a suitable wall outlet.
7. **Audio Connections:** Connect your guitar to the "IN" jack on the pedal board (if using the built-in buffer/light bar feature) or directly to your first pedal. Connect the "OUT" jack of your last pedal to your amplifier.

OPERATING INSTRUCTIONS

1. **Powering On:** Flip the "ON/OFF" switch on the pedal board to the "ON" position. The LED level indicators will illuminate.
2. **Adjusting the Light Bar:**
 - Pull up the light bar to automatically illuminate your pedalboard.
 - Use the control knob to adjust the height, brightness, color, and flashing modes of the light bar.
 - The front-mounted LED level indicator responds to your guitar signal, providing visual feedback.
 - Fold the light bar down to turn off the light.

Quick & Easy Setup

Wider Bar provides more room for increased stability larger capacity for pedals & cables

Upgraded Hook&Loop
Pre-cut design
for effortless set up, built to last

Figure 6: Adjustable light bar with various color modes.

3. **Power-Up Buffer Function:** The pedalboard features a power-on buffering mechanism that stabilizes current and protects pedals from voltage fluctuations. Some pedals may require re-plugging when first connected due to their startup logic needing a quick voltage rise. This is normal and indicates the protection is active.
4. **Cable Management:** Utilize the wide attachment areas and cable holders to route and secure your power and audio cables neatly, ensuring a clean and organized setup.

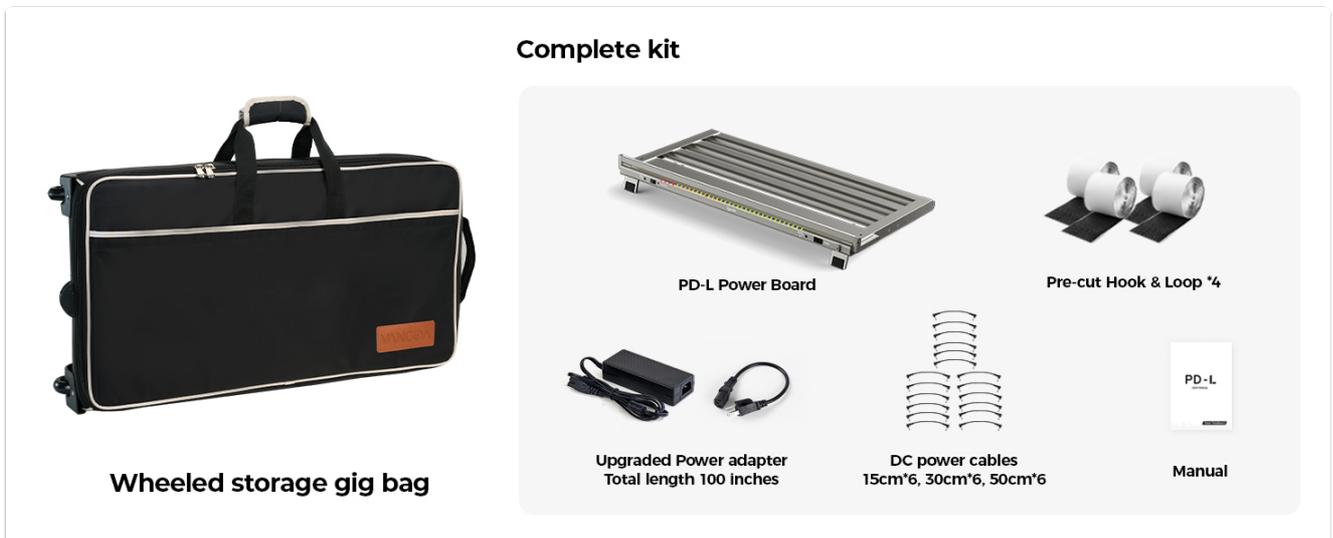


Figure 7: Cable management under the pedal board.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the aluminum alloy surfaces. Avoid abrasive cleaners or solvents that could damage the finish.
- **Cable Inspection:** Regularly inspect all power and audio cables for signs of wear or damage. Replace any damaged cables immediately to prevent electrical issues or signal loss.
- **Hook & Loop Adhesion:** Periodically check the adhesion of the Hook & Loop strips on both the board and your pedals. Reapply or replace as needed to ensure pedals remain secure.
- **Storage:** When not in use, store the pedal board in its wheeled gig bag to protect it from dust, moisture, and physical damage.

TROUBLESHOOTING

No Power to Pedals:

- Ensure the main power adapter is securely connected to both the pedal board and a working wall outlet.
- Check that the "ON/OFF" switch on the pedal board is in the "ON" position.
- Verify that individual DC power cables are correctly connected to the appropriate voltage outputs on the pedal board and to your pedals.
- If a pedal does not power on, try re-plugging its power cable. Some pedals have startup logic that requires a quick voltage rise, and the power-up buffer may cause this.

Excessive Noise/Hum:

- The built-in isolated power supply is designed to minimize noise. Ensure all power cables are properly connected and not loose.

- Check for ground loops by ensuring all equipment is connected to properly grounded outlets.
- Test pedals individually to identify if a specific pedal is introducing noise.

Light Bar Malfunction:

- Ensure the light bar is fully pulled up for illumination.
- Check the control knob settings for brightness and mode.
- If the LED level indicator is not responding, ensure your guitar is properly connected to the "IN" jack (if using this feature).

SPECIFICATIONS

Feature	Detail
Model Number	PD-L
Dimensions (L x W)	25.2" x 13.8" (Extra Large)
Material Type	Aluminum Alloy
Color	Gray
Item Weight	20.4 pounds
Power Outputs	14 x 9V DC 500mA, 2 x 12V DC 500mA, 1 x 15V DC 500mA, 1 x 18V DC 800mA
Light Bar Features	Adjustable height, brightness, color, flashing modes, LED level indicator
Included Accessories	Wheeled gig bag, pre-cut Hook & Loop, power adapter, DC power cables

OFFICIAL PRODUCT VIDEOS

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Video 1: Vangoa Extra Large Guitar Pedal Powered Board, Built-in Isolated Power Supply. This video demonstrates the features and setup of the Vangoa PD-L pedal board, including the adjustable light bar and power supply.

WARRANTY AND SUPPORT

Vangoa products are designed for durability and performance. For specific warranty details, please refer to the documentation included with your purchase or visit the official Vangoa website. For technical support or service inquiries, please contact Vangoa customer service through their official channels.

Optional protection plans are available for extended coverage. Please check with your retailer for details on available plans, such as 3-Year Protection Plan, 4-Year Protection Plan, or Asurion Complete Protect.



