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› LEKATO Guitar Pedal Board and Isolated Power Supply (Model B0CL45XKM4) User Manual

## LEKATO B0CL45XKM4

# LEKATO Guitar Pedal Board and Isolated Power Supply User Manual

Model: B0CL45XKM4

Brand: LEKATO

## 1. INTRODUCTION

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This manual provides instructions for the LEKATO Guitar Pedal Board and its accompanying Isolated Pedal Power Supply. This product is designed to organize and power multiple guitar effects pedals efficiently and reliably. The pedal board features a dedicated compartment for the power supply, promoting a tidy setup, while the isolated power supply ensures clean and stable power delivery to your pedals.

## 2. PACKAGE CONTENTS

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

- 1 x LEKATO Guitar Pedal Board
- 1 x LEKATO Isolated Pedal Power Supply (CP-206)
- 1 x Carry Bag for Pedal Board
- Velcro strips for pedal attachment
- Power adapter for the isolated power supply
- Various DC power cables for connecting pedals
- 1 x Screwdriver (for power supply compartment cover)



Image 2.1: Contents of the LEKATO Guitar Pedal Board package.



Image 2.2: The LEKATO Isolated Pedal Power Supply (CP-206) and included power cables.

### 3. PRODUCT FEATURES

- **Integrated Power Compartment:** The pedal board includes a built-in compartment designed to house the isolated power supply. This feature helps manage cables, keeping the pedal board tidy and maximizing space for effects pedals. The compartment dimensions are approximately 8.3 inches by 4.3 inches.
- **Durable Construction:** The pedal board is constructed from polymer plastics (ABS), offering durability and corrosion resistance. It is lightweight, weighing approximately 2.7 lbs, making it portable.
- **Isolated Power Supply:** The included power supply provides truly isolated outputs, utilizing multiple transformers to deliver stable, clean, and quiet power to your pedals. This design minimizes unwanted noise and interference.
- **Short Circuit and Over-Current Protection:** Each of the 12 isolated outputs on the power supply features independent short-circuit and over-current protection. A short circuit on one output will not affect the operation of other connected pedals.
- **Versatile Power Outputs:** The power supply offers 12 isolated ports to accommodate a wide range of guitar pedals. This includes 10 x 9V outputs (with varying current ratings: 100mA, 300mA, 500mA), 1 x

12V output (300mA), and 1 x 18V output (300mA).

## Built-in Power Supply Room

Protect your power supply and save more space



Image 3.1: The built-in power supply compartment on the underside of the pedal board.

# 12 OUTPUTS

Various Current and Voltage Options



Image 3.2: Detail of the 12 isolated output ports on the power supply.

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your LEKATO Guitar Pedal Board and Isolated Power Supply:

1. **Install the Power Supply:** Open the power compartment on the underside of the pedal board. Place the LEKATO Isolated Pedal Power Supply into this compartment. Secure the cover using the provided screwdriver.
2. **Connect Power to the Supply:** Connect the included power adapter to the 18V IN port on the isolated power supply. Plug the adapter into a standard electrical outlet.
3. **Attach Pedals to the Board:** Apply the provided velcro strips to the bottom of your effects pedals and to the surface of the pedal board. Arrange your pedals as desired on the board.
4. **Connect Pedals to Power Supply:** Using the various DC power cables, connect each pedal to an appropriate output port on the isolated power supply. Ensure the voltage (9V, 12V, or 18V) and current (mA) requirements of your pedals match the output port specifications. The blue indicator lights on the power supply will illuminate when a circuit is active.
5. **Connect Pedals to Each Other:** Use patch cables (not included) to connect your effects pedals in your

desired signal chain.

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Video 4.1: A demonstration of setting up the LEKATO Pedal Power Supply with a pedal board and connecting multiple effects pedals.



Image 4.2: Example of pedals arranged and powered on the LEKATO pedal board.



# TRUE ISOLATED POWER SUPPLY

Provides clean, quiet current to your pedals, reducing noise



12 OUTPUTS



STABLE



LOW NOISE



Image 5.1: The isolated power supply delivering clean power to multiple pedals.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your LEKATO Guitar Pedal Board and Isolated Power Supply, consider the following maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal board and power supply. Avoid using abrasive cleaners or solvents.
- **Cable Management:** Regularly check and organize your power and patch cables to prevent tangles and potential damage. The power compartment helps keep power cables tidy.
- **Storage:** When not in use, store the pedal board in its carry bag to protect it from dust and physical damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Connection Check:** Periodically inspect all power and audio connections for secure fit and signs of wear.

## 7. TROUBLESHOOTING

If you encounter issues with your LEKATO Guitar Pedal Board and Isolated Power Supply, refer to the following common troubleshooting steps:

- **No Power to Pedals:**

- Ensure the power adapter is securely plugged into both the power supply and a working electrical outlet.
- Check that the DC power cables are firmly connected to both the power supply outputs and the pedals.
- Verify that the blue indicator lights on the power supply outputs are illuminated. If a light is off for a specific output, check the cable and pedal connected to that port.

- **Excessive Noise/Hum:**

- Confirm that each pedal is connected to an output port that matches its voltage and current requirements.
- Ensure all cables are in good condition and properly shielded.
- Test pedals individually to identify if a specific pedal is causing the noise.
- The isolated power supply is designed to minimize noise; if noise persists, check for ground loops in your overall audio setup.

- **One Pedal Not Working (Others Are):**

- This could indicate that the short-circuit protection for that specific output has been activated. Disconnect the pedal and its cable from the power supply. Reconnect after a few moments. If the issue persists, test the pedal with a different power source or cable to rule out a pedal malfunction.
- Ensure the pedal's power requirements (voltage and current) do not exceed the output capacity of the connected port.

# SHORT CIRCUIT PROTECTION

A short circuit on one channel will not affect the current output of other channels



Image 7.1: The power supply's individual short-circuit protection ensures other pedals remain operational.

## 8. SPECIFICATIONS

| Component            | Specification   |
|----------------------|---|
| Pedal Board Material | ABS Polymer Plastic                                     |
| Pedal Board Weight   | Approximately 2.7 lbs (1.2 kg)                          |
| Power Supply Input   | 18V DC  |
| Power Supply Outputs | 12 Isolated Outputs                                     |
| 9V Outputs           | 10 ports (various current ratings: 100mA, 300mA, 500mA) |
| 12V Output           | 1 port (300mA)  |
| 18V Output           | 1 port (300mA)  |
| Protection           | Short-circuit and over-current protection per output    |

|                              |                                 |
|------------------------------|---------------------------------|
| Power Compartment Dimensions | Approx. 8.3 inches x 4.3 inches |
|------------------------------|---------------------------------|

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or any inquiries regarding your LEKATO Guitar Pedal Board and Isolated Power Supply, please refer to the contact information provided with your purchase or visit the official LEKATO website. Keep your proof of purchase for warranty claims.