

## LEKATO MPP-10

# LEKATO MPP-10 True Isolated Guitar Pedal Power Supply Instruction Manual

Model: **MPP-10** | Brand: **LEKATO**

## 1. INTRODUCTION

Thank you for choosing the LEKATO MPP-10 True Isolated Guitar Pedal Power Supply. This device is designed to provide stable, clean, and quiet power to your effect pedals, ensuring optimal performance without unwanted noise. With multiple isolated outputs and adjustable voltage options, the MPP-10 is a versatile solution for various pedalboard setups.

## 2. PACKAGE CONTENTS

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

- 1x LEKATO MPP-10 True Isolated Power Supply Unit
- 1x Power Adapter (100-240V AC input, 12V DC output)
- 10x DC Power Cables (standard barrel connectors)
- 1x 9V Battery Clip Converter Cable
- 1x Polarity Conversion Cable
- 1x 3.5mm Conversion Cable
- 1x User Manual (this document)



Figure 1: Contents of the LEKATO MPP-10 package.

## 3. PRODUCT FEATURES

### 3.1 True Isolated Power Supply

The MPP-10 features true isolated outputs, meaning each output channel is electrically separated. This design prevents unwanted noise and hum from affecting your pedals, providing a clean and stable power source for optimal audio performance.

# 10 ISOLATED OUTPUTS & 1 USB PORT

Each channel outputs independently without interfering with each other.



10 OUTPUTS



1 USB Port



LOW NOISE



Figure 2: The MPP-10 unit highlighting its 10 isolated outputs and USB port.

## 3.2 Short Circuit and Over-Current Protection

Each of the 10 output channels is equipped with independent short-circuit and over-current protection. In the event of a short circuit on one output, only that specific output will be affected, and its LED indicator will turn off, while other channels continue to operate normally.



# SHORT CIRCUIT PROTECTION

When a short circuit occurs, its LED turns off and the other channels work normally.



Normal Use



Short Circuit



Figure 3: Visual representation of the short circuit protection feature, showing an LED turning off when a fault occurs.

## 3.3 Adjustable Voltage Outputs

Two dedicated output ports (9 and 10) offer adjustable voltage settings of 9V, 12V, or 18V, each providing up to 500mA. This allows compatibility with a wider range of effect pedals that require different voltage inputs.

# 4 OUTPUT SPECIFICATIONS

9V 300mA | 9V 500mA | 12V 500mA | 18V 500mA

Adapt to almost all pedals on the market

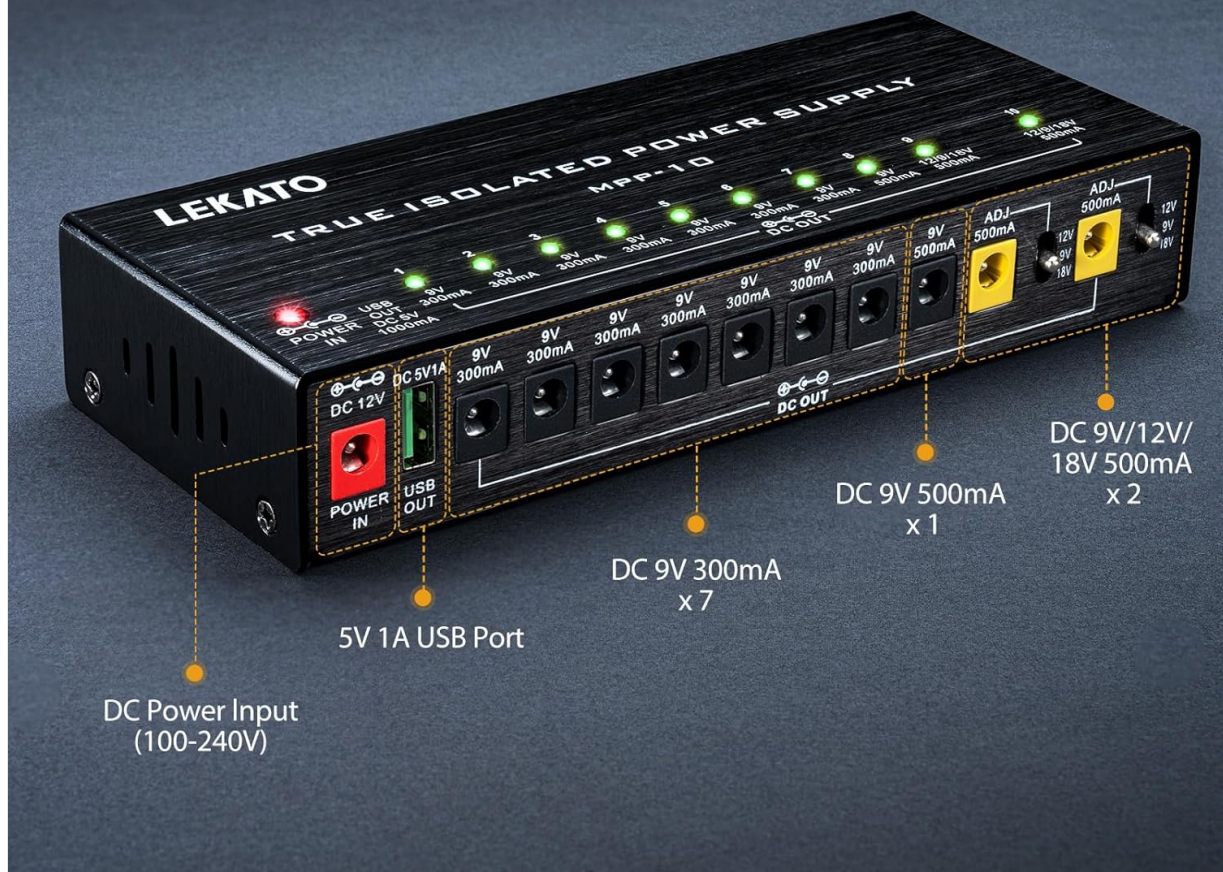


Figure 4: Detailed view of the MPP-10's output specifications, highlighting the adjustable voltage ports.

## 3.4 USB Charging Port

In addition to powering your pedals, the MPP-10 includes a 5V 1A USB output port, allowing you to conveniently charge mobile devices or power other USB-compatible accessories directly from your pedalboard.



Figure 5: The MPP-10's USB port in use, charging a mobile phone.

## 3.5 Durable Aluminum Alloy Housing

The unit is constructed with a heavy-duty aluminum alloy casing, providing excellent heat radiation and robust protection for the internal components, ensuring reliability and longevity.



# PORTABLE



Aluminum Alloy Shell



11.5oz/325g



Figure 6: The compact and durable aluminum alloy housing of the MPP-10.

## 4. SETUP INSTRUCTIONS

1. **Connect the Power Adapter:** Plug the included 12V DC power adapter into the "POWER IN" port (red connector) on the LEKATO MPP-10 unit. Then, plug the power adapter into a standard AC wall outlet. The red "POWER" LED on the unit will illuminate.
2. **Connect DC Power Cables:** Use the provided DC power cables to connect your effect pedals to the output ports on the MPP-10. Ensure the correct polarity (center negative is standard for most guitar pedals). If a pedal requires center positive, use the included polarity conversion cable.
3. **Select Output Voltage (for adjustable ports):** For outputs 9 and 10, use the small toggle switch next to each port to select the required voltage (9V, 12V, or 18V) for your specific pedal. Verify the pedal's voltage requirements before connecting.
4. **Verify Connections:** Once all pedals are connected, the green LED indicator above each active output port will light up, confirming power delivery.





Figure 7: Important note on ensuring correct positive and negative polarity before wiring your pedals.



Figure 8: Example of the MPP-10 integrated into a guitar pedalboard.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

The MPP-10 unit powers on automatically when connected to the main power adapter. There is no separate on/off switch on the unit itself. Disconnect the main power adapter to power off the unit.

## 5.2 LED Indicators

Each output port has a corresponding green LED indicator. When a pedal is correctly connected and receiving power, its LED will illuminate. If an LED is off, it may indicate a short circuit on that channel or an unconnected pedal.

## 5.3 Using Adjustable Voltage Outputs

For outputs 9 and 10, ensure the toggle switch is set to the correct voltage (9V, 12V, or 18V) required by your pedal. Incorrect voltage can damage your pedal. Always consult your pedal's manual for its power requirements.

## 5.4 USB Output

The USB OUT port provides 5V 1A power. Connect your USB-powered device using a compatible USB cable. This port is ideal for charging smartphones, tablets, or powering small USB accessories.

# 6. OUTPUT SPECIFICATIONS

Output Port(s)	Voltage	Current	Notes
1-7	9V DC	300mA	Standard 9V outputs
8	9V DC	500mA	High current 9V output
9-10	9V/12V/18V DC	500mA	Adjustable voltage outputs
USB OUT	5V DC	1000mA (1A)	For charging/powering USB devices

# 7. SAFETY AND TROUBLESHOOTING

## 7.1 Important Safety Information

- Always verify the voltage and current requirements of your pedals before connecting them to the power supply. Incorrect voltage can cause permanent damage.
- Ensure correct polarity. Most guitar pedals use center-negative polarity. Use the provided polarity conversion cable if your pedal requires center-positive.
- Do not expose the unit to water, moisture, or extreme temperatures.
- Do not attempt to open or modify the unit. This will void the warranty and may cause electric shock.

## 7.2 Troubleshooting

- **No Power to Pedal:**
  - Check if the main power adapter is securely plugged into the wall and the MPP-10.
  - Ensure the DC power cable is firmly connected to both the MPP-10 output and the pedal.
  - If using an adjustable output (9 or 10), confirm the correct voltage is selected.
  - If the LED for a specific output is off, a short circuit may have occurred. Disconnect the pedal



and cable from that output and check for faults.

- **Unwanted Noise/Hum:**
  - The MPP-10 features true isolated outputs to minimize noise. If hum persists, check your guitar cables, instrument, and amplifier for other potential noise sources.
  - Ensure all connections are secure and free from damage.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	MPP-10 (BCUS-2868)
Input Voltage	12V DC (from included adapter)
Total Outputs	10 Isolated DC Outputs + 1 USB Output
Output 1-7	9V DC, 300mA
Output 8	9V DC, 500mA
Output 9-10	Adjustable 9V/12V/18V DC, 500mA
USB Output	5V DC, 1000mA (1A)
Product Dimensions	6.77 x 2.76 x 1.34 inches (17.1 x 7.0 x 3.4 cm)
Item Weight	1.67 pounds (0.76 kg)
Housing Material	Aluminum Alloy
Special Features	True Isolated Outputs, Short Circuit Protection, Over-Current Protection, LED Indicators, USB Charging Port

## 9. MAINTENANCE

- Keep the unit clean by wiping it with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents.
- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure proper ventilation around the unit to prevent overheating.

## 10. OFFICIAL PRODUCT VIDEOS

### LEKATO True Isolated Power Supply Overview

This video provides a comprehensive overview of the LEKATO True Isolated Power Supply, detailing its features, benefits, and how it contributes to a noise-free pedalboard setup.

### LEKATO Guitar Pedal Power Supply Demonstration

Watch a demonstration of the LEKATO Guitar Pedal Power Supply in action, showcasing its ease of use and performance with various guitar pedals.

### LEKATO Pedal Power Supply Features Explained

This video delves into the specific features of the LEKATO Pedal Power Supply, including its isolated outputs, adjustable voltage, and protection mechanisms.

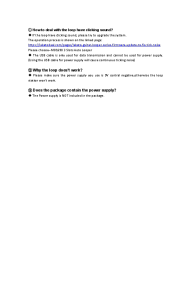

### LEKATO 10 Isolated Pedal Power Supply Setup

A detailed guide on setting up the LEKATO 10 Isolated Pedal Power Supply, showing how to connect pedals and utilize its various outputs effectively.

## 11. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your LEKATO MPP-10 True Isolated Guitar Pedal Power Supply, please refer to the official LEKATO website or contact your authorized retailer. Keep your purchase receipt as proof of purchase for warranty claims.

### Related Documents - MPP-10

	<p><a href="#">LEKATO M01698 3 Slots Auto Looper FAQ and Troubleshooting Guide</a></p> <p>Comprehensive FAQ and troubleshooting guide for the LEKATO M01698 3 Slots Auto Looper, covering common issues like clicking sounds, power supply requirements, and firmware updates.</p>
	<p><a href="#">LEKATO LOOP AUTO Guitar Looper Pedal User Manual</a></p> <p>Comprehensive user manual for the LEKATO LOOP AUTO guitar looper pedal, detailing features, operation, connection methods, and troubleshooting. Learn how to maximize your creative potential with unlimited overdubs, sync function, and WAV file import/export.</p>



<div><div>LEKATO</div><div><div>BASS EFFECT PROCESSOR</div><div>E-Bass-Effektprozessor</div><div>電貝新效果处理器</div><div>エレベトリックベースエフェクター・プロセッサ</div><div>TANK-B</div></div><div><div>Owner's Manual</div><div>Bedienungsanleitung</div><div>使用说明书</div><div>取扱説明書</div></div></div>	<div><div><a href="#">LEKATO Tank-B Bass Multi-Effects Pedal User Manual</a></div><div>User manual for the LEKATO Tank-B Bass Multi-Effects Pedal, covering features, operation, connections, presets, and specifications for bass guitarists.</div></div>
<div><div>LEKATO</div><div><div>GUITAR EFFECT PROCESSOR</div><div>Gitarreneffektprozessor</div><div>电吉他效果处理器</div><div>ギターエフェクトプロセッサ</div><div>TANK-G</div></div><div><div>Owner's Manual</div><div>Bedienungsanleitung</div><div>使用说明书</div><div>取扱説明書</div></div></div>	<div><div><a href="#">LEKATO TANK-G Guitar Effect Processor Owner's Manual</a></div><div>Comprehensive owner's manual for the LEKATO TANK-G Guitar Effect Processor, detailing its features, functions, and operation. Includes information on presets, live mode, effect modules, technical parameters, and software downloads.</div></div>
<div><div><div>LEKATO</div><div>LOOPER PRO GUITAR EFFECTOR</div><div>LOOP SERIES</div><div>USER MANUAL</div></div></div>	<div><div><a href="#">Looper Pro Guitar Effector User Manual - LEKATO</a></div><div>Comprehensive user manual for the LEKATO Looper Pro Guitar Effector. Learn about its 48K/24bit audio quality, 40-minute recording capacity, 9 loops, built-in tuner, USB connectivity for WAV file import/export, and detailed operation instructions. Ideal for guitarists seeking professional looping capabilities.</div></div>
<div><div><div>LEKATO</div><div>USER MANUAL</div><div>MINI LOOPER</div><div>MINI LOOPERS</div></div></div>	<div><div><a href="#">LEKATO MINI LOOPER User Manual - Features, Instructions &amp; Specifications</a></div><div>Comprehensive user manual for the LEKATO MINI LOOPER, detailing its features, control panel instructions, operation guide, and technical specifications. Learn how to record, playback, and manage audio loops.</div></div>