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LEKATO EP-03

LEKATO Reverb Digital Guitar Effect Pedal EP-03 User Manual

Model: EP-03

Introduction

This manual provides detailed instructions for the LEKATO EP-03 Reverb Digital Guitar Effect Pedal. Designed for electric guitars, this pedal offers 9 distinct reverb effects, allowing musicians to explore a wide range of sonic textures. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.



Image: Top-down view of the LEKATO EP-03 Reverb Digital Guitar Effect Pedal, showcasing its controls and design.



Image: Angled view of the LEKATO EP-03 Reverb Digital Guitar Effect Pedal, showing its compact form factor.

Package Contents

- LEKATO EP-03 Reverb Digital Guitar Effect Pedal
- User Manual (this document)
- Parameter Stickers (for convenient reference)

Setup

1. Powering the Pedal

The EP-03 pedal offers dual power options:

- **DC 9V Power Supply:** Connect a standard 9V DC power adapter (center-negative) to the DC 9V input jack.
- **USB-C 5V Power Bank:** For noise-free performance and portability, connect a USB-C power bank (5V, 1A or higher) to the Type-C 5V port.

Ensure the power supply meets the specified voltage and polarity requirements to prevent damage to the unit.



Image: Side view of the LEKATO EP-03 pedal, highlighting the DC 9V center-negative input and the Type-C 5V input for power.

2. Connecting to Your Audio Chain

1. Connect your guitar or the output of a preceding effect pedal to the **IN** jack on the right side of the EP-03 pedal.
2. Connect the **OUT** jack on the left side of the EP-03 pedal to your amplifier's input or the input of the next effect pedal in your chain.

Use high-quality instrument cables for optimal signal integrity.



Image: The LEKATO EP-03 pedal shown as part of a guitar pedalboard setup, demonstrating typical signal chain integration.

Operating Instructions

1. Controls Overview

The LEKATO EP-03 features intuitive controls for shaping your reverb sound:

- **Type Selector Knob:** This central knob allows you to select one of the 9 available reverb algorithms.
- **DECAY Knob:** Adjusts the duration of the reverb tail.

- **MIX Knob:** Controls the blend between your dry (unaffected) signal and the wet (reverb) signal.
- **PARAM1, PARAM2, PARAM3 Knobs:** These three knobs adjust specific parameters unique to each selected reverb type. Refer to the "Reverb Types and Parameters" section for details.
- **Bypass Footswitch:** Engages or disengages the reverb effect. When disengaged, the pedal operates in true bypass mode, ensuring your dry signal remains unaffected.



TYPE	3 PARAM 1	4 PARAM 2	5 PARAM 3
ROOM	HIGH PASS	LOW PASS	DRIFT
HALL	HIGH PASS	LOW PASS	DRIFT
PLATE	HIGH PASS	LOW PASS	DRIFT
SPRING	HIGH PASS	LOW PASS	DWELL
SHIMMER	HIGH PASS	PITCH	AMOUNT
CLOUD	HIGH PASS	LOW PASS	DIFFUSION
BLOOM	HIGH PASS	LOW PASS	LENGTH
SWELL	HIGH PASS	LOW PASS	RISETIME
LOFI	SAMPLE RATE	NOISE	DRIFT

Image: Close-up view of the LEKATO EP-03 pedal's control knobs, with labels indicating Decay, Mix, and the three Parameter controls.

2. Reverb Types and Parameters

The EP-03 offers 9 distinct reverb effects. The function of PARAM1, PARAM2, and PARAM3 changes depending on the selected reverb type. Use the Type Selector knob to choose your desired reverb.



Image: The LEKATO EP-03 pedal with a list of its 9 reverb effects: Room, Hall, Plate, Spring, Shimmer, Cloud, Bloom, Swell, and LoFi.

Reverb Type Parameter Chart

Type	PARAM1	PARAM2	PARAM3
Room	High Pass	Low Pass	Drift

Type	PARAM1	PARAM2	PARAM3
Hall	High Pass	Low Pass	Drift
Plate	High Pass	Low Pass	Drift
Spring	High Pass	Low Pass	Dwell
Shimmer	High Pass	Low Pass	Pitch
Cloud	High Pass	Low Pass	Amount
Bloom	High Pass	Low Pass	Diffusion
Swell	High Pass	Low Pass	Length
LoFi	Sample Rate	Noise	Drift

Experiment with these parameters to achieve your desired reverb sound. The included parameter stickers can be applied to the pedal for quick reference.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents, as they may damage the finish.
- **Storage:** When not in use for extended periods, store the pedal in a dry, cool environment away from direct sunlight and extreme temperatures.
- **Power:** Always disconnect the power supply when the pedal is not in use or during cleaning.
- **Cables:** Regularly check all cables for wear and tear. Replace damaged cables to ensure optimal performance and safety.

Troubleshooting

No Sound or Weak Signal

- **Check Connections:** Ensure all instrument cables are securely connected to the IN and OUT jacks.
- **Power Supply:** Verify that the pedal is receiving proper power (9V DC center-negative or 5V USB-C). Check if the power adapter is functioning correctly.
- **Bypass Status:** Confirm the pedal is engaged (LED indicator on). If in bypass, ensure your dry signal is passing through.
- **Volume/Mix Settings:** Check the MIX knob. If set fully dry, you will not hear the reverb effect.
- **Other Pedals:** If part of a pedal chain, temporarily remove other pedals to isolate the issue.

Unwanted Noise or Hum

- **Power Supply:** A noisy power supply can introduce hum. Try a different power adapter or use a dedicated isolated power supply. USB-C power banks are often recommended for cleaner power.
- **Ground Loops:** Ensure all equipment in your setup is properly grounded.
- **Cable Quality:** Low-quality or damaged cables can cause noise. Try replacing cables.
- **Proximity to Interference:** Keep the pedal away from power transformers, fluorescent lights, or other sources of electromagnetic interference.

Pedal Not Responding

- **Power Cycle:** Disconnect and reconnect the power supply to reset the pedal.
- **Footswitch:** Ensure the footswitch is functioning correctly.

Specifications

- **Model:** EP-03
- **Brand:** LEKATO
- **Product Dimensions:** 10.92 x 5.84 x 4.06 cm (4.3 x 2.3 x 1.6 inches)
- **Item Weight:** 265 g (0.58 lbs)
- **Hardware Interface:** 1/4-inch Audio Input/Output
- **Voltage:** 9 Volts (DC, center-negative) or 5 Volts (USB-C)
- **DSP:** 32-bit Dual Core
- **Bypass:** Hardware Bypass
- **Chassis Material:** Aluminum Alloy



Image: The LEKATO EP-03 pedal held in a hand, illustrating its compact and portable design.

Warranty and Support

LEKATO products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official LEKATO website.

For technical support, troubleshooting assistance, or inquiries about your LEKATO EP-03 pedal, please contact LEKATO customer service through their official website or the retailer from whom you purchased the product. Please have your model number (EP-03) and purchase details ready when contacting support.

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