LEKATO DIRTY STUDIO EP-02

LEKATO DIRTY STUDIO EP-02 Boost Distortion Overdrive Guitar Effect Pedal User Manual

Model: DIRTY STUDIO EP-02

Introduction

The LEKATO DIRTY STUDIO EP-02 is a versatile digital guitar effect pedal designed to provide a wide range of boost, overdrive, and distortion tones for electric guitarists. Featuring 9 distinct tone selections, a responsive 3-band EQ, and true bypass circuitry, this pedal offers robust performance and tonal flexibility in a compact, durable metal housing.

Setup

Powering the Pedal

The pedal offers dual power flexibility, supporting both USB-C (5V) and standard 9V DC (center-negative) inputs. For optimal tone consistency, a power bank or a standard 9V DC adapter is recommended. Ensure the power supply is 9V DC and center-negative to prevent damage.

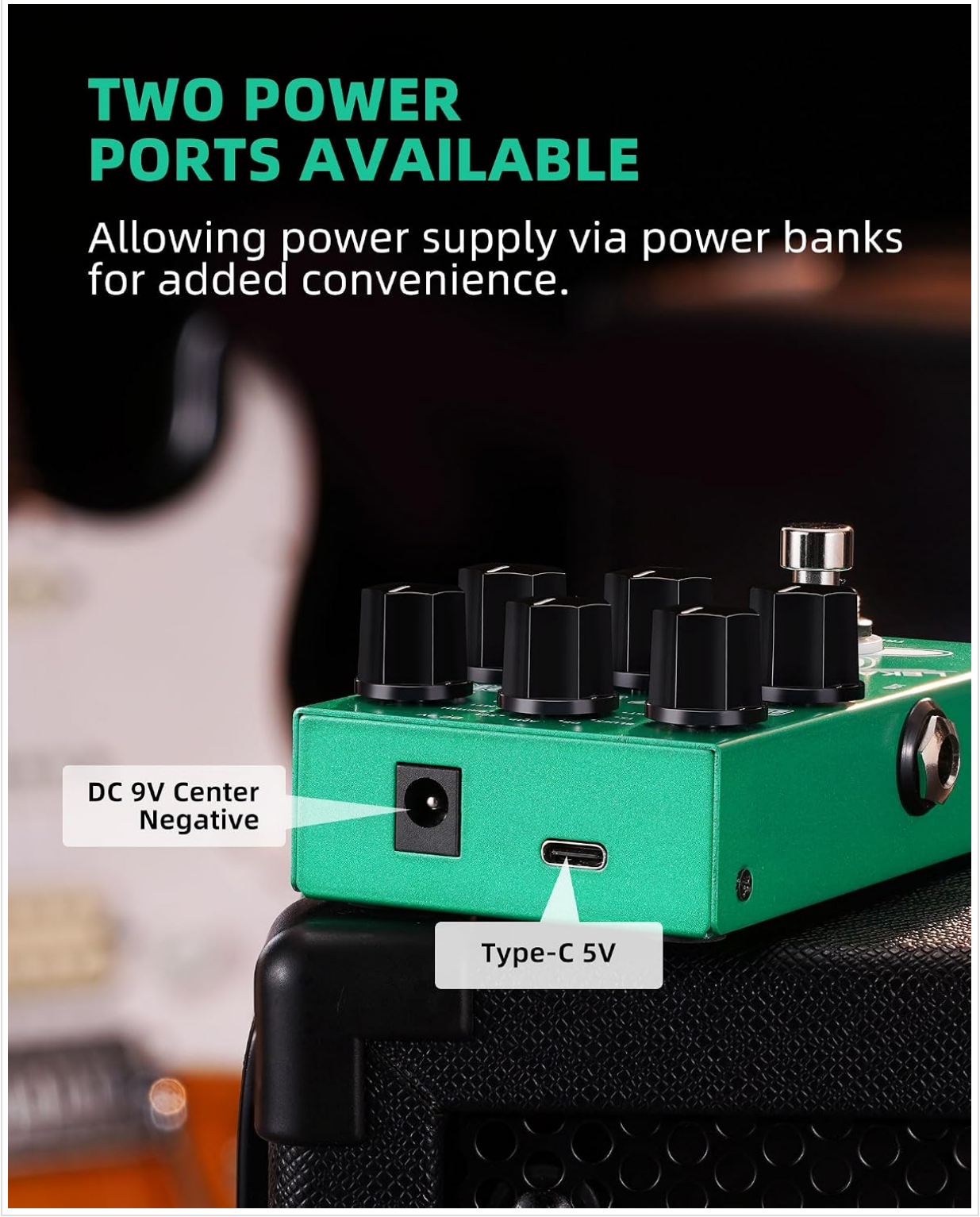


Image: The LEKATO DIRTY STUDIO EP-02 pedal highlighting its USB-C 5V and DC 9V center-negative power input ports.

Initial Connection

Connect your guitar to the 'IN' jack on the pedal and connect the 'OUT' jack to your amplifier or other effects pedals. Ensure all cables are securely connected.

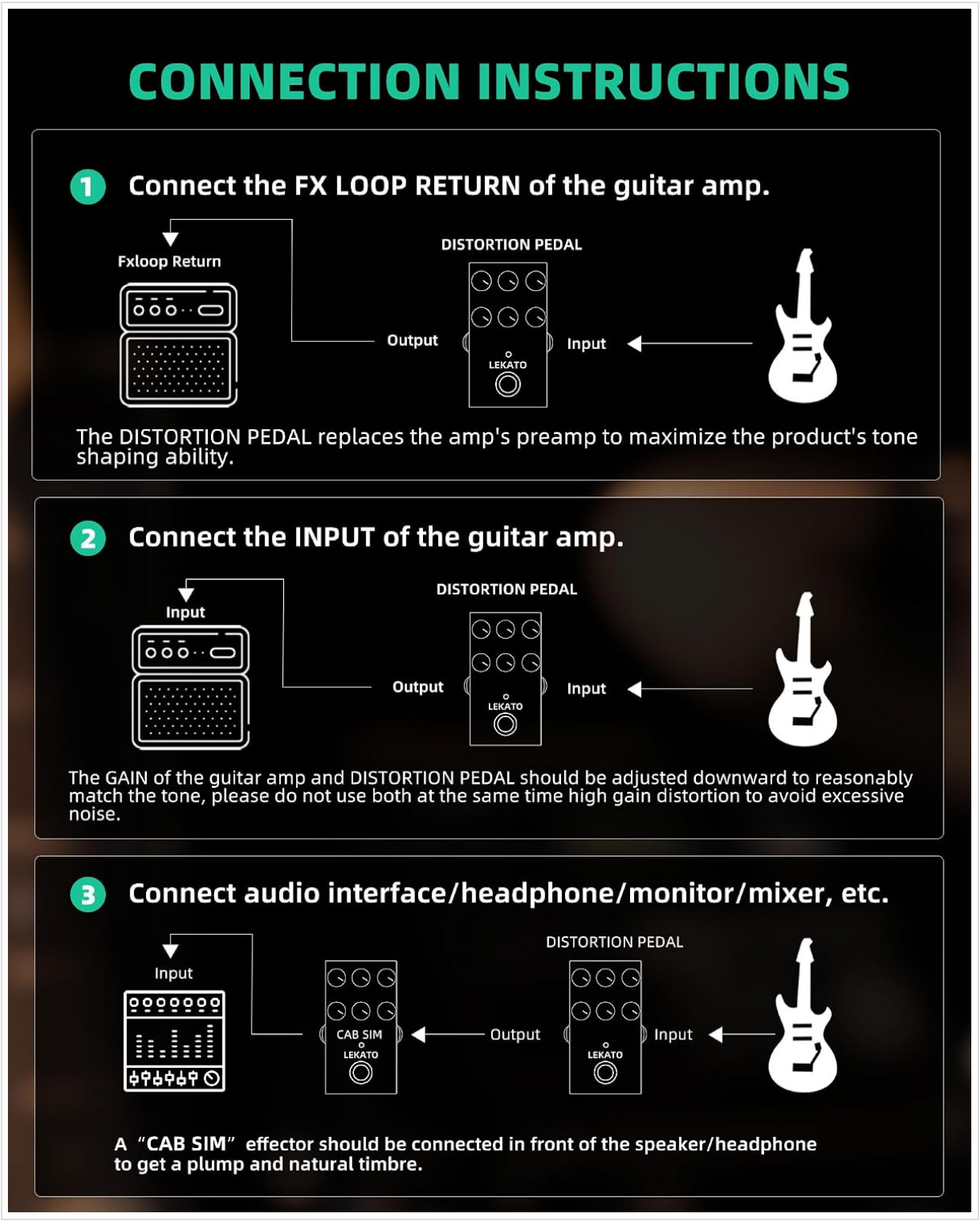


Image: A diagram illustrating three common connection methods for the pedal with a guitar and amplifier.

Operating Instructions

Controls Overview

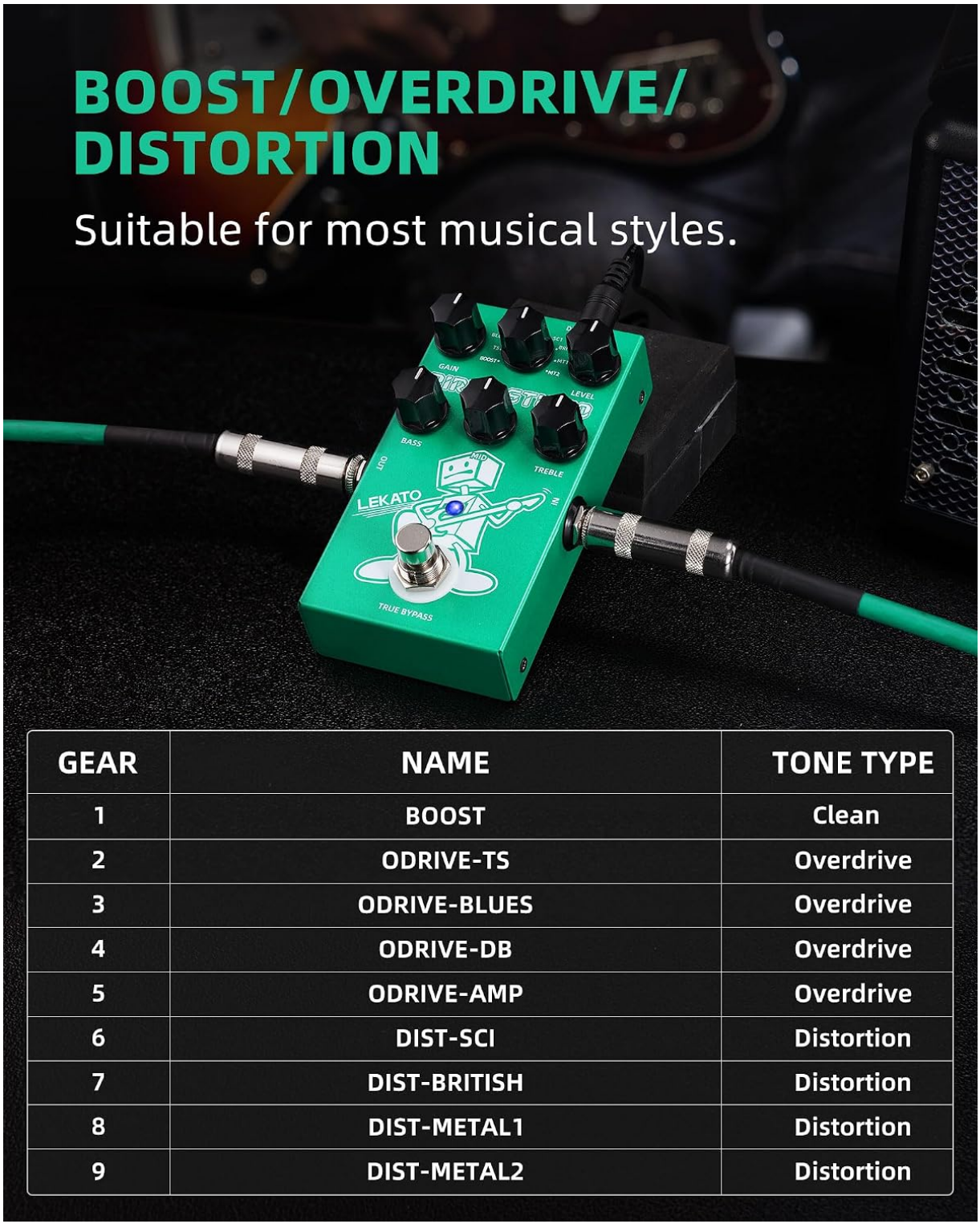


Image: A detailed view of the pedal's control knobs and their labels.

- **GAIN:** Adjusts the amount of gain or distortion.
- **LEVEL:** Controls the overall output volume of the effect.
- **BASS/MID/TREBLE:** A 3-band equalizer for precise tonal shaping of low, mid, and high frequencies.

Tone Selection

The pedal offers 9 distinct tone selections, accessible via a rotary switch. These include Boost, 4 overdrive modes (TS, BLUES, DB, AMP), and 4 distortion options (SCI, BRITISH, and 2 METAL effects).



GEAR	NAME	TONE TYPE
1	BOOST	Clean
2	ODRIVE-TS	Overdrive
3	ODRIVE-BLUES	Overdrive
4	ODRIVE-DB	Overdrive
5	ODRIVE-AMP	Overdrive
6	DIST-SCI	Distortion
7	DIST-BRITISH	Distortion
8	DIST-METAL1	Distortion
9	DIST-METAL2	Distortion

Image: A table detailing the 9 available tone types: Boost (Clean), ODRIVE-TS (Overdrive), ODRIVE-BLUES (Overdrive), ODRIVE-DB (Overdrive), ODRIVE-AMP (Overdrive), DIST-SCI (Distortion), DIST-BRITISH (Distortion), DIST-METAL1 (Distortion), DIST-METAL2 (Distortion).

True Bypass

The pedal features true bypass circuitry, ensuring that your guitar's natural tone remains unaffected when the effect is disengaged. This maintains signal integrity and clarity.

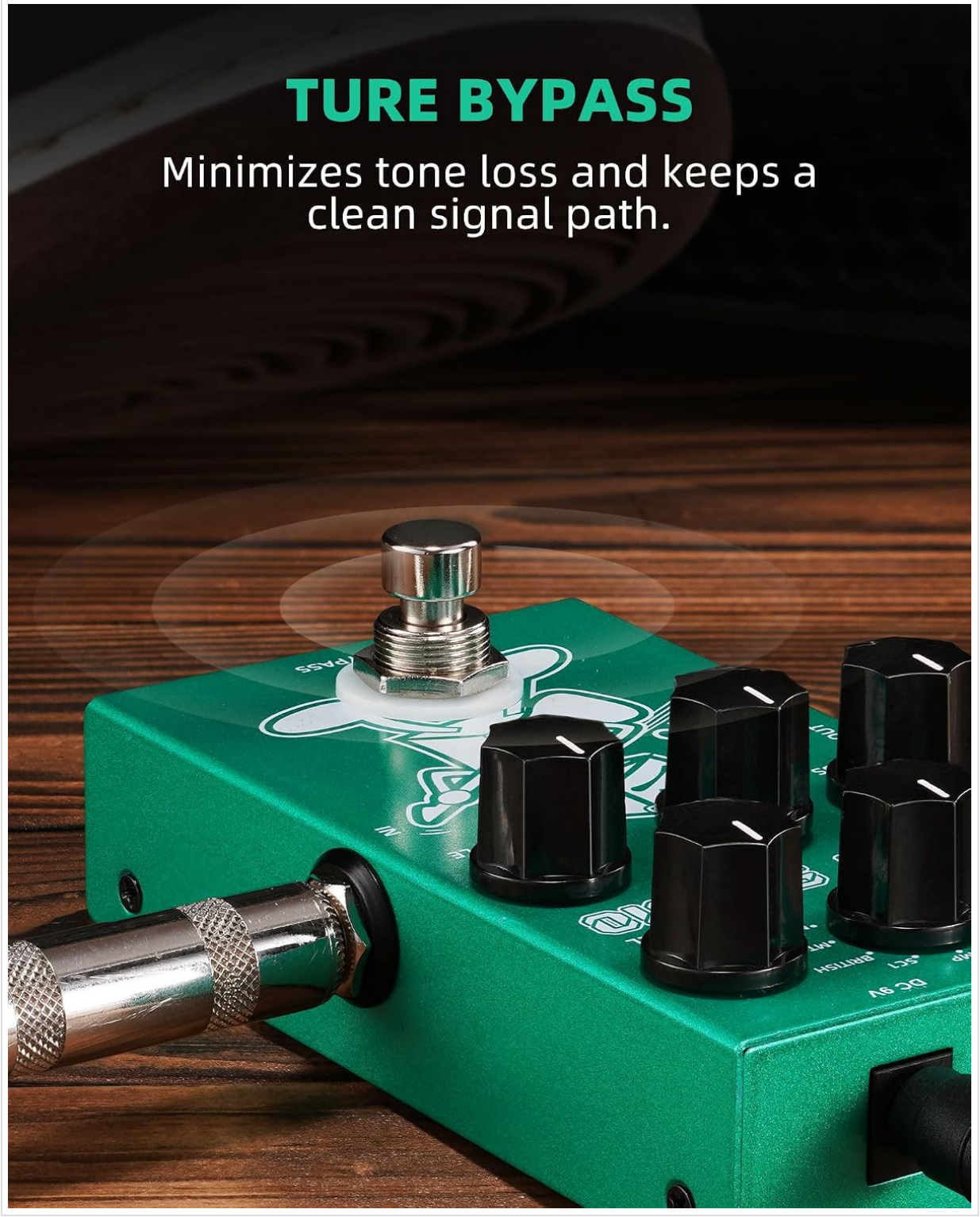


Image: A close-up of the pedal's footswitch, indicating its true bypass functionality.

Key Features

- Versatile 9-Tone Selection: Explore a wide sonic palette with 9 distinct voices: Boost, 4 overdrive modes (TS, BLUES, DB, AMP), and 4 distortion options (SCI, BRITISH, and 2 METAL effects) for unmatched versatility.
- Dual Power Flexibility: Stay powered anywhere via USB-C or 9V DC inputs (center-negative). Optimize tone consistency with a power bank (recommended) or standard adapter—ideal for gigs, studio sessions, or mobile creativity.
- Tour-Ready Durability: The pedal is housed in a high-grade metal shell. Compact yet robust, it fits seamlessly into any pedalboard while delivering studio-quality sound in live settings.
- Dynamic Sound & 3-Band EQ: Craft warm, natural, or bright timbres with responsive dynamics. Fine-tune your tone using the intuitive 3-band EQ for precise high, mid, and low adjustments.
- True Bypass Clarity: Maintain pristine signal integrity when disengaged, ensuring your guitar's natural tone stays untouched until you unleash the LEKATO DIRTY STUDIO's power.

Connection Instructions

The LEKATO DIRTY STUDIO EP-02 pedal can be integrated into various guitar setups. Below are common connection methods:

1. **Connect to the FX LOOP RETURN of the guitar amp:** Connect the pedal's 'OUT' to the amp's FX LOOP RETURN and the guitar to the pedal's 'IN'. This setup replaces the amp's preamp to maximize the pedal's tone shaping ability.
2. **Connect to the INPUT of the guitar amp:** Connect the pedal's 'OUT' to the amp's INPUT and the guitar to the pedal's 'IN'. When using this method, adjust the gain of both the guitar amp and the pedal to avoid excessive noise. Do not use both at the same time for high gain distortion.
3. **Connect to an audio interface/headphone/monitor/mixer, etc.:** For direct recording or silent practice, connect the pedal's 'OUT' to a 'CAB SIM' effector, which should then be connected to your audio device. This provides a natural timbre.

Specifications

Attribute	Value
Model Number	DIRTY STUDIO EP-02
Item Weight	9.3 ounces (265 Grams)
Product Dimensions	4.3 x 2.3 x 1.6 inches
Body Material	Metal
Color Name	Green Boost Distortion
Connector Type	USB-C
Hardware Interface	1/4-inch Audio
Signal Format	Digital
Power Source	Corded Electric
Voltage	9 Volts (DC)

Product Media

Product Overview Video

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Video: An official product video from LEKATO showcasing the features and sound capabilities of the LEKATO Distortion Guitar Effect Pedal.

Maintenance

To ensure the longevity and optimal performance of your LEKATO DIRTY STUDIO EP-02 pedal, follow these maintenance guidelines:

- Keep the pedal clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing the pedal to extreme temperatures, humidity, or direct sunlight.
- Disconnect power and cables when not in use for extended periods.
- Handle the footswitch and knobs gently to prevent mechanical damage.

Troubleshooting

If you encounter issues with your pedal, consider the following common troubleshooting steps:

- **No Sound:** Check all cable connections (guitar to IN, OUT to amp). Ensure the power supply is correctly connected and functioning. Verify that your amplifier is on and set to an audible volume.
- **Poor Sound Quality/Noise:** Ensure you are using a compatible 9V DC center-negative power supply. Check for faulty cables. Adjust the GAIN and LEVEL knobs to appropriate settings. If connecting to an amp's input, ensure amp gain is not excessively high.
- **Effect Not Engaging:** Press the footswitch firmly. If the indicator light does not change, check power supply.

Warranty and Support

The LEKATO DIRTY STUDIO EP-02 pedal comes with a manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the documentation included with your product or visit the official LEKATO website.