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› Donner Morpher Mini Distortion Guitar Pedal User Manual - LEF-200

Donner LEF-200

Donner Morpher Mini Distortion Guitar Pedal User Manual

Model: LEF-200

1. INTRODUCTION

The Donner Morpher Mini Distortion Guitar Pedal is a compact and robust effect pedal designed to deliver a wide range of high-gain distortion tones. Featuring three distinct modes—Natural, Tight, and Classic Crunch—it offers versatility for various musical styles, from classic rock to modern metal. Its true bypass design ensures your guitar's original tone remains unaffected when the pedal is disengaged.



Figure 1: Donner Morpher Mini Distortion Pedal

2. SETUP

1. **Power Connection:** Connect a 9V DC power adapter (center negative polarity, minimum 500mA current) to the 'DC 9V' input jack on the pedal. The power adapter is not included with the pedal.
2. **Input Connection:** Connect your guitar to the 'INPUT' jack on the right side of the pedal using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the 'OUTPUT' jack on the left side of the pedal to your amplifier or the next pedal in your signal chain using a standard 1/4-inch instrument cable.
4. **Activation:** Press the footswitch to activate or bypass the effect. The LED indicator will illuminate when the effect is active.

DC In Power Jack:
DC 9V

Fx Level & Tone Knob:
Determines how pronounced the effect is. From subtle ambience to total time warp.

Analogy Through:
1/4" mono audio jack, always shine through with zero latency and total tonal transparency.

Whole aluminium-alloy classic:
stable and strong.



The image shows a red Donner Morpher pedal with three knobs (Level, Gain, Tone), a mode switch, and a true bypass footswitch. The brand name 'DONNER' and 'MORPHER' are visible on the pedal's face.

Mode Switch:
Switch between Natural model, Tight model and Classic model.

Gain Knob:
Adjust the Gain.

True Bypass:
True bypass for zero tone coloration.

SPECIFICATIONS

Power Requirement:	9V DC
Current Consumption:	20mA
Dimensions:	94x43x51mm
Weight:	250g

Figure 2: Typical setup for the Donner Morpher Pedal

3. OPERATING THE PEDAL

The Morpher pedal features three control knobs and a mode switch to shape your distortion sound.

Controls:

- **LEVEL Knob:** Adjusts the overall output volume of the effect. Turn clockwise to increase volume, counter-clockwise to decrease.
- **GAIN Knob:** Controls the intensity of the distortion. Higher settings result in more aggressive and saturated distortion.
- **TONE Knob:** Adjusts the brightness or darkness of the distorted sound. Turn clockwise for a brighter tone, counter-clockwise for a warmer, darker tone.

Mode Switch:

The 3-way toggle switch allows you to select between three distinct distortion characteristics:

- **Natural Mode:** Delivers an organic and natural distortion tone, suitable for blues and classic rock.
- **Tight Mode:** Provides a more aggressive and focused distortion, ideal for modern rock and metal riffs.
- **Classic Crunch Mode:** Offers a classic UK-style high-gain sound with warm mids, reminiscent of 80s metal tones.



Figure 3: Control Knobs and Mode Switch

4. FEATURES

- **High-Gain Distortion:** The Morpher pedal is engineered to produce high-gain distortion, offering a sound profile comparable to popular boutique pedals like the MI Crunch Box and Suhr Riot. It excels in generating tones suitable for hair metal, glam metal, and pop metal genres.
- **Versatile 3-Mode Distortion:** The inclusion of Natural, Tight, and Classic Crunch modes provides a broad sonic palette, allowing guitarists to achieve diverse distortion textures for both lead shredding and rhythm playing.
- **Durable and Solid Construction:** Constructed from a robust aluminum-alloy, the pedal is built to withstand rigorous use. Its compact design ensures it fits easily onto any pedalboard, and the indicator lights clearly show the operational status.
- **True Bypass:** The true bypass circuitry ensures that when the pedal is disengaged, your guitar's signal passes through without any coloration, signal loss, popping, buzzing, or electric noise, preserving the integrity of your original tone.

HIGH-GAIN DISTORTION

High degree distortion,
stable to solo, has strong expression
with dynamic echo sound.



HIGH-GAIN

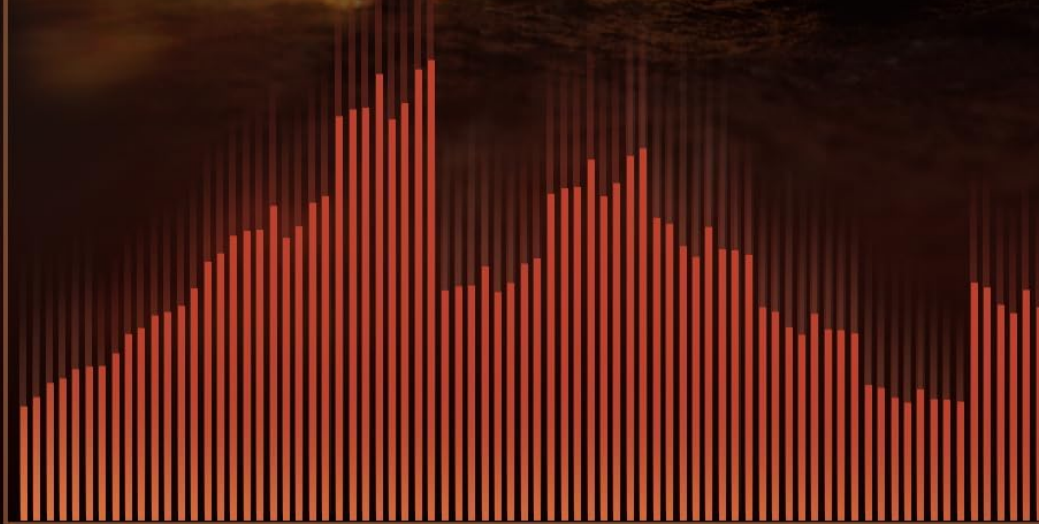


Figure 4: High-Gain Distortion Overview

TRUE BYPASS

Rich, clear, natural sound.



Maximize Signal
Transparency



Simple and
Direct



Figure 5: True Bypass Signal Flow

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents, as they may damage the finish.
- **Storage:** Store the pedal in a dry environment away from extreme temperatures and direct sunlight when not in use.

- **Connections:** Periodically check all cable connections for tightness and ensure they are free from damage.
- **Power:** Always disconnect the power supply when the pedal is not in use for extended periods to prevent unnecessary wear.

6. TROUBLESHOOTING

- **No Sound:**
 - Ensure all cables (guitar, amplifier, power) are securely connected.
 - Verify the power adapter meets the specified requirements (9V DC, center negative, min 500mA).
 - Check if the amplifier is on and its volume is up.
 - Test with different cables or a different power supply if available.
- **Unwanted Noise/Hum:**
 - Ensure the power supply is regulated and free from noise.
 - Check for ground loops in your setup.
 - Keep the pedal away from strong electromagnetic interference sources (e.g., power transformers, fluorescent lights).
- **Effect Not Engaging:**
 - Confirm the footswitch is functioning correctly (LED should illuminate).
 - Check the 'LEVEL' and 'GAIN' knobs are not set to zero.

7. SPECIFICATIONS

Feature	Description
Brand	Donner
Model Name	Morpher
Model Number	LEF-200
Color	Red Distortion
Product Dimensions	3.7"L x 1.7"W x 2"H
Item Weight	0.25 Kilograms
Voltage	9 Volts
Amperage	13 Milliamps
Audio Output Effects	Distortion
Controls Type	Knob
Power Source	Corded Electric (9V DC power adapter, center negative, min 500mA - not included)
Signal Format	Analog
True Bypass	Yes

8. WHAT'S IN THE BOX

- Donner Morpher Distortion Effect Pedal
- User's Manual

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Donner website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

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