

Donner EC1007

Donner Viper 2-in-1 Passive Volume Expression Pedal User Manual

Model: EC1007

1. INTRODUCTION

The Donner Viper is a versatile 2-in-1 pedal designed to function as both a passive volume pedal and an expression pedal. Its compact and robust design makes it suitable for various instruments including guitar, bass, keyboard, and synthesizers. This manual provides essential information for setting up, operating, and maintaining your pedal.

2. FEATURES

- **2-in-1 Functionality:** Combines passive volume and expression pedal capabilities.
- **Automatic Switching:** Automatically switches between volume and expression modes by detecting the input jack.
- **Versatile Compatibility:** Suitable for guitar, bass, keyboard, synthesizer, workstation, and other controllers.
- **Durable Construction:** Made with a hard plastic casing for robustness while remaining lightweight.
- **No Power Supply Required:** Operates without external power in passive volume mode.

2 IN 1 PEDAL

Combines Expression Pedal and Active Volume Pedal in One



Figure 2.1: The Donner Viper pedal, showcasing its dual functionality.

MINI EXPRESSION PEDAL

Lightweight and Portable Design



Figure 2.2: Compact dimensions of the Donner Viper pedal, ideal for pedalboards.

3. SETUP

3.1 Connections

The Donner Viper pedal features standard 1/4-inch audio input and output jacks. Connect your instrument or the output of a preceding effect pedal to the INPUT jack. Connect the OUTPUT jack to your amplifier or the input of a subsequent effect pedal.

3.2 Power Requirements

The Donner Viper pedal operates passively as a volume pedal and does not require a power supply for this function. However, if used as an expression pedal with devices that require an active expression signal, ensure the connected device provides the necessary power or use an appropriate external power supply if the device requires it.

IMPORTANT NOTICE:

The power supply is **NOT** included with this product. Please power your pedal with a power adapter providing **9V DC center negative** and **500mA current** if your setup requires it. Improper power supply may cause pedals to malfunction or result in damage. This product does not come with a battery compartment.



NOTICE

- The power supply is **NOT** included.
- Please power your pedal with a power adapter with **9V DC** center negative, and **500mA** current.
- The improper power supply may cause pedals not to work or even damage your pedals.
- This product does **not come with a battery compartment**.

4. OPERATING INSTRUCTIONS

4.1 Volume Mode

In volume mode, the pedal controls the output level of your signal. Pressing the pedal forward increases the volume, while rocking it back decreases the volume. This mode is ideal for creating volume swells or adjusting overall signal level.

ACTIVE VOLUME CONTROL

Eliminating Signal Loss



Figure 4.1: Using the Donner Viper in volume control mode.

4.2 Expression Mode

When connected to a device that accepts an expression pedal input, the Donner Viper can control various parameters such as delay time, modulation depth, or filter cutoff. The pedal automatically switches to expression mode when connected to a compatible expression input jack. The LED indicator light will change color to signify the active mode (e.g., Green for Volume, Red for Expression, if applicable to your model).

LED INDICATOR LIGHT

Green for Active Volume mode
Red for Expression mode



Figure 4.2: LED indicator showing the current mode of operation.

5. MAINTENANCE

- 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.
- Do not attempt to disassemble or modify the pedal, as this may void the warranty and cause damage.
- Ensure all cables are securely connected to prevent signal loss or intermittent operation.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or intermittent signal	Loose cable connections, incorrect input/output, faulty cable.	Check all cable connections. Ensure cables are plugged into the correct input/output jacks. Try different cables.
Pedal not responding in expression mode	Incorrect connection to the host device, host device not configured for expression pedal, host device requires active expression signal.	Verify the expression cable is connected correctly. Consult the manual of your host device for proper expression pedal setup. Ensure the host device provides power if needed, or use an appropriate external power supply.
Unwanted noise or hum	Ground loop, interference from other electronics, faulty power supply (if used).	Ensure all equipment is properly grounded. Try isolating the pedal from other power sources. Use a high-quality, regulated power supply if required.

7. SPECIFICATIONS

Specification	Value
Brand	Donner
Model Name	EC1007
Product Dimensions (L x W x H)	5.85" x 2.58" x 2.36" (148.5mm x 65.5mm x 60mm)
Item Weight	280 Grams
Audio Output Effects	Volume, Expression
Controls Type	Pedal Rocker
Power Source	Non-battery Powered (Passive), External 9V DC (for active expression if required by host device)
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Included Components	Donner Viper Mini Volume/Expression Pedal, User's Manual

8. WARRANTY AND SUPPORT

This product comes with a **2-year manufacturer's warranty**. For warranty claims or technical support, please contact Donner customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty validation.

