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Valeton EP-2

VALETON EP-2 Passive Volume & Expression Pedal User Manual

Model: EP-2

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1. Introduction

The VALETON EP-2 is a passive volume and expression pedal designed for use with various musical instruments and equipment, including guitars, basses, keyboards, and synthesizers. This compact and lightweight pedal offers dual functionality, automatically detecting whether it is being used as a volume control or an expression control. Being passive, it does not require a battery or external power supply for operation.

2. Setup

Before using your VALETON EP-2 pedal, ensure all connections are secure and correct for your intended application.

2.1 Connecting as a Volume Pedal

To use the EP-2 as a volume pedal, connect your instrument's output (e.g., guitar, bass, keyboard) to the **INPUT** jack on the EP-2 using a standard 1/4-inch instrument cable. Then, connect the **OUTPUT** jack of the EP-2 to the input of your amplifier or other effects unit. The pedal will automatically function as a volume control.

2.2 Connecting as an Expression Pedal

To use the EP-2 as an expression pedal, connect the **OUTPUT** jack of the EP-2 to the expression pedal input of your compatible effects processor, synthesizer, or other device using a TRS (Tip-Ring-Sleeve) 1/4-inch cable. The pedal will automatically detect the connection type and function as an expression controller. *Note: A TRS cable is typically required for expression pedal functionality.*



Image: The Valeton EP-2 pedal, showing its compact design and the 1/4-inch input jack. The pedal is orange with black textured footpads. The "SURGE EP-2 PASSIVE VOLUME/EXP PEDAL" text is visible on the side.

3. Operation

The VALETON EP-2 is designed for straightforward operation, providing intuitive control over your sound.

3.1 Volume Control

When used as a volume pedal, pressing the pedal forward (toe down) increases the volume, while pulling it back (heel down) decreases the volume. The passive design ensures no power is needed, making it reliable for live performance and studio use.

3.2 Expression Control

As an expression pedal, the EP-2 sends continuous controller data to a connected device. The range of control (e.g., wah effect, delay time, modulation depth) is determined by the settings on the device it is connected to. Moving the pedal from heel to toe will sweep through the assigned parameter's range.

4. Maintenance

To ensure the longevity and optimal performance of your VALETON EP-2 pedal, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the pedal's exterior. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or internal components.
- **Storage:** Store the pedal in a dry environment, away from extreme temperatures and direct sunlight.
- **Handling:** While the pedal is built with a durable metal body, avoid dropping it or subjecting it to excessive force, which could cause mechanical damage.
- **Connections:** Periodically check that all cables and jacks are clean and free from debris to ensure reliable signal transfer.

5. Troubleshooting

If you encounter issues with your VALETON EP-2 pedal, refer to the following common problems and solutions:

- **No Sound or Signal:**
  - Ensure all cables are securely connected to the correct input and output jacks.
  - Test cables with other equipment to rule out faulty cables.
  - Verify that the connected instrument and amplifier/device are powered on and functioning correctly.
- **Pedal Not Functioning as Expected (e.g., Volume instead of Expression, or vice-versa):**
  - The EP-2 automatically detects its function based on the cable type and connection. For expression control, ensure you are using a TRS (Tip-Ring-Sleeve) 1/4-inch cable connected to a compatible expression input on your device.
  - For volume control, a standard TS (Tip-Sleeve) 1/4-inch instrument cable is typically used.
  - Check the settings on the device you are connecting to, as some devices require specific configuration for expression pedal input.
- **Limited Control Range or Abrupt Changes:**
  - The sweep range and taper of the pedal are fixed. If you experience an abrupt change in volume or expression, ensure the connected device's input sensitivity or calibration is correctly set.
  - Some devices allow for calibration of expression pedal range; consult your device's manual.

6. Specifications

Model	EP-2
Type	Passive Volume & Expression Pedal
Power Source	Passive (No external power required)
Input/Output	1/4-inch Audio Jack (TS for Volume, TRS for Expression)
Item Weight	11.6 ounces (0.33 Kilograms)
Product Dimensions	6.1 x 2.6 x 2.5 inches
Body Material	Metal (Zinc)
Compatibility	Guitar, Bass, Keyboard, Synthesizer, Workstation, Controller

7. Warranty & Support

For warranty information or technical support regarding your VALETON EP-2 pedal, please refer to the documentation included with your purchase or visit the official Valeton website. If you require further assistance, contact Valeton customer service directly.

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