Valeton All Spark Boost

Valeton Tone City All Spark Boost Pedal User Manual

Model: All Spark Boost

1. Introduction

The Valeton Tone City All Spark Boost is a compact and versatile boost pedal designed to enhance your guitar signal. It provides a clean to low-gain boost, allowing you to increase volume for solos, drive your amplifier harder, or add clarity and presence to your tone. Its simple control layout makes it easy to integrate into any pedalboard setup.

2. Product Overview

The All Spark Boost features a straightforward design with essential controls for effective tone shaping.

This image displays the compact design of the Valeton Tone City All Spark Boost pedal. The pedal features a central 'GAIN' knob, two toggle switches labeled 'FAT' and 'BRIGHT' at the top, and a footswitch at the bottom. Input and output jacks are visible on the sides, along with a '9V' power input label.

Controls and Features:

- **GAIN Knob:** This single control adjusts the amount of boost applied to your signal. Turning it clockwise increases the boost level.
- **FAT Switch:** Engages a low-end boost, adding fullness and body to your tone. Useful for preventing your sound from becoming thin when boosting.
- **BRIGHT Switch:** Activates a high-end boost, enhancing clarity and presence. Ideal for cutting through a mix during solos or adding sparkle to your clean tone.
- **Footswitch:** Toggles the effect on and off.
- **Input/Output Jacks:** Standard 1/4-inch jacks for connecting your guitar and amplifier/other pedals.
- **9V DC Power Input:** For connecting a standard 9V DC power supply (center negative).

3. Setup

1. **Power Connection:** Connect a standard 9V DC power supply (center negative, 3mA minimum) to the 9V power input jack on the side of the pedal. Ensure the power supply meets these specifications to prevent damage.
2. **Input Connection:** Connect your guitar or the output of a preceding effect pedal to the 'IN' jack on the right side of the All Spark Boost using a standard 1/4-inch instrument cable.
3. **Output Connection:** Connect the 'OUT' jack on the left side of the All Spark Boost to your amplifier's input or the input of the next effect pedal in your signal chain using a standard 1/4-inch instrument cable.
4. **Placement:** For best results, place the boost pedal early in your signal chain if you want to drive other pedals or your amplifier harder, or later if you primarily want a clean volume lift.

4. Operating

Once the pedal is connected and powered, you can begin to use it:

- **Engaging the Effect:** Press the footswitch to activate or bypass the boost effect.
- **Adjusting Boost Level:** Rotate the **GAIN** knob clockwise to increase the boost level. Start with the knob at a lower setting and gradually increase it to find your desired volume or drive level.
- **Using the FAT Switch:** Flip the **FAT** toggle switch to the up position to engage a low-frequency boost. This can add warmth and thickness, especially useful with single-coil pickups or brighter amplifiers.
- **Using the BRIGHT Switch:** Flip the **BRIGHT** toggle switch to the up position to engage a high-frequency boost. This can add sparkle and cut, enhancing articulation for solos or making your tone more present.
- **Experimentation:** The interaction between the GAIN knob and the FAT/BRIGHT switches allows for a wide range of boosted tones. Experiment with different settings to discover the sounds that best suit your playing style and equipment.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the pedal in a cool, dry place away from direct sunlight and extreme temperatures.
- **Power Supply:** Always use a regulated 9V DC, center-negative power supply. Incorrect power can damage the unit.
- **Cable Care:** Ensure all instrument cables are in good condition to prevent signal loss or unwanted noise.

6. Troubleshooting

- **No Sound:**
  - Check all cable connections (guitar to IN, OUT to amp).
  - Verify the power supply is correctly connected and functioning (9V DC, center negative).
  - Ensure the footswitch is engaged (effect is on).
- **Excessive Noise or Hum:**
  - Ensure you are using a high-quality, isolated power supply. Daisy-chaining with other pedals can sometimes introduce noise.
  - Check for faulty instrument cables.
  - Ensure proper grounding in your electrical setup.
  - Try the pedal in a different location or with different equipment to isolate the source of the noise.
- **Loud Popping Sound When Engaging/Disengaging:**
  - Some true bypass pedals may produce a slight pop when engaged or disengaged, especially if there is a DC offset in the signal chain. This is often a characteristic of the circuit design.
  - Ensure all other pedals in the chain are properly powered and functioning.
  - Try reducing the input signal level slightly before engaging the pedal.

7. Specifications

Feature	Specification

Item Weight	1.76 ounces (approx. 50 grams)
Package Dimensions	4.02 x 2.52 x 2.44 inches
Hardware Interface	1/4-inch Audio
Signal Format	Analog
Voltage	9 Volts DC (Center Negative)
Amperage	3 Milliamps
Controls Type	Knob, Toggle Switches

8. Warranty and Support

Valeton products are designed for reliability and performance. For specific warranty information and support inquiries, please refer to the official Valeton website or contact your authorized dealer. Keep your purchase receipt as proof of purchase.