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› SONICAKE FlipWah Active Volume Pedal Instruction Manual (Model QEP-10)

SONICAKE QEP-10

SONICAKE FlipWah Active Volume Pedal Instruction Manual

Model: QEP-10

Brand: SONICAKE

1. INTRODUCTION

The SONICAKE FlipWah Active Volume Pedal (Model QEP-10) is a versatile 2-in-1 guitar effects pedal, combining both active volume control and a vintage wah effect. Designed for guitarists seeking a compact yet full-featured pedal, it offers robust construction and intuitive operation for various musical applications.



2. KEY FEATURES

- **Active Volume Control/Wah Effect:** Two functions integrated into one pedal. For gradual volume control, a TRS cable is recommended.
- **Vintage Wah Sound:** Delivers a classic wah tone with an adjustable Q value for enhanced sound shaping.
- **Full-size Pedal Design:** Ergonomically designed for comfortable and precise foot operation.
- **Battery Power Option:** Features a dedicated battery compartment for 9V battery power.
- **Dual-color LED Indicators:** LED lights display the current operating mode (Volume or Wah) for clear status indication.



Figure 2: Wah/Volume Combo Pedal Overview

3. SETUP

3.1 Power Connection

The FlipWah pedal can be powered by a standard 9V DC power adapter (center negative, 5.5mm x 2.1mm) or a 9V battery. Insert the power adapter into the '9V DC' jack on the side of the pedal. If using a battery, open the battery compartment located on the underside of the pedal and connect a 9V battery.

3.2 Audio Connections

Connect your guitar or other instrument to the 'INPUT' jack. Connect the 'OUTPUT' jack to your amplifier or the next pedal in your signal chain. The 'THRU' jack provides an additional output for sending a direct signal to a tuner or another effects pedal, allowing for flexible signal routing.



Figure 3: Additional THRU Output for Tuner or Other Effects

4. OPERATING THE PEDAL

4.1 Switching Between Wah and Volume Modes

The FlipWah pedal features a hidden footswitch under the toe-down position. Press firmly on the toe-down position to toggle between Wah and Active Volume modes. The dual-color LED indicator will change to reflect the current mode:

- **Blue LED:** Active Volume Mode

- **Green LED:** Wah Mode

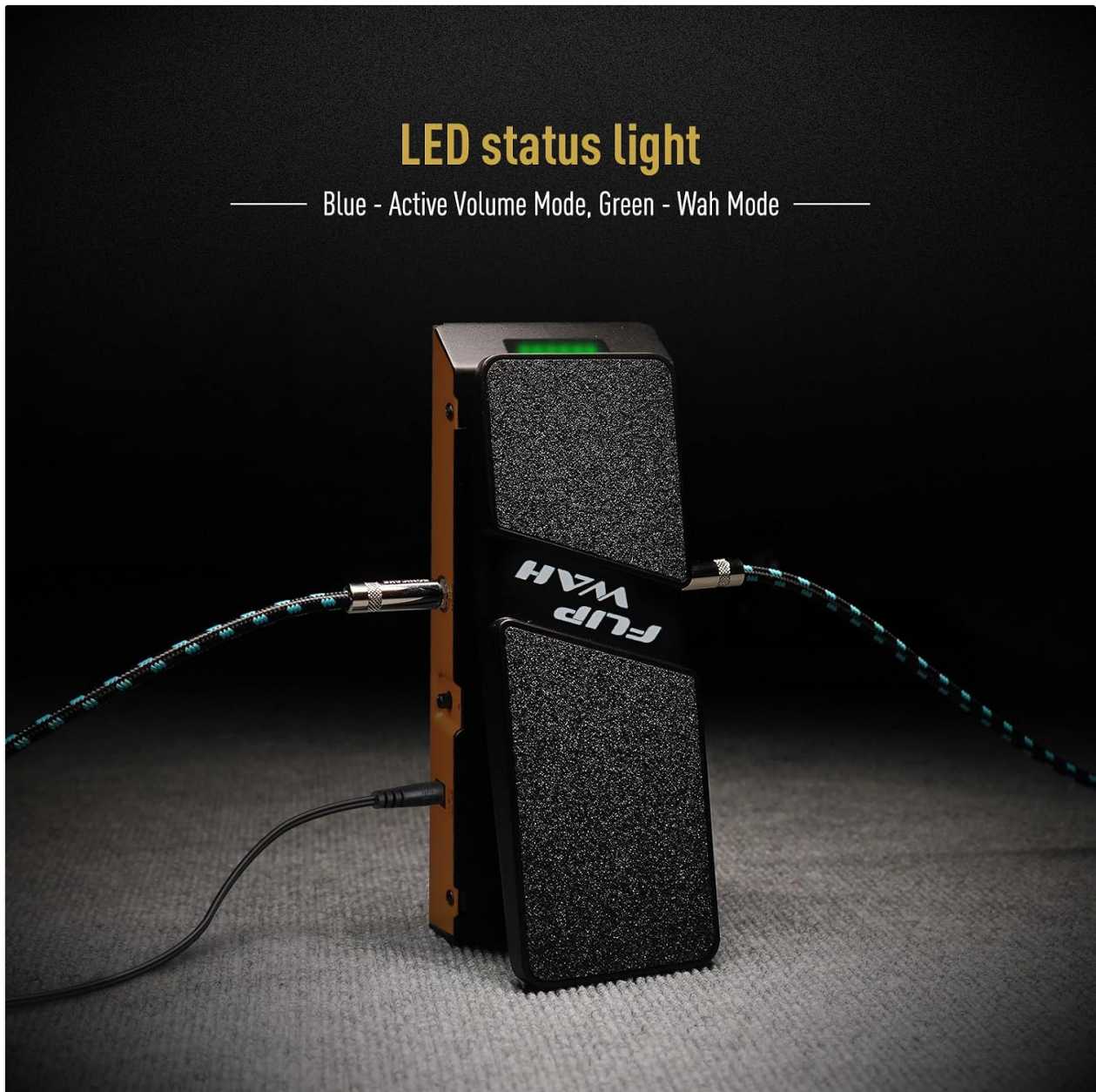


Figure 4: LED Status Light for Mode Indication

4.2 Wah Mode Operation

In Wah mode (Green LED), rock the pedal back and forth with your foot to sweep through the wah effect's frequency range. The 'Q' knob on the side of the pedal allows you to adjust the width of the wah filter frequency, providing control over the intensity and character of the wah effect.

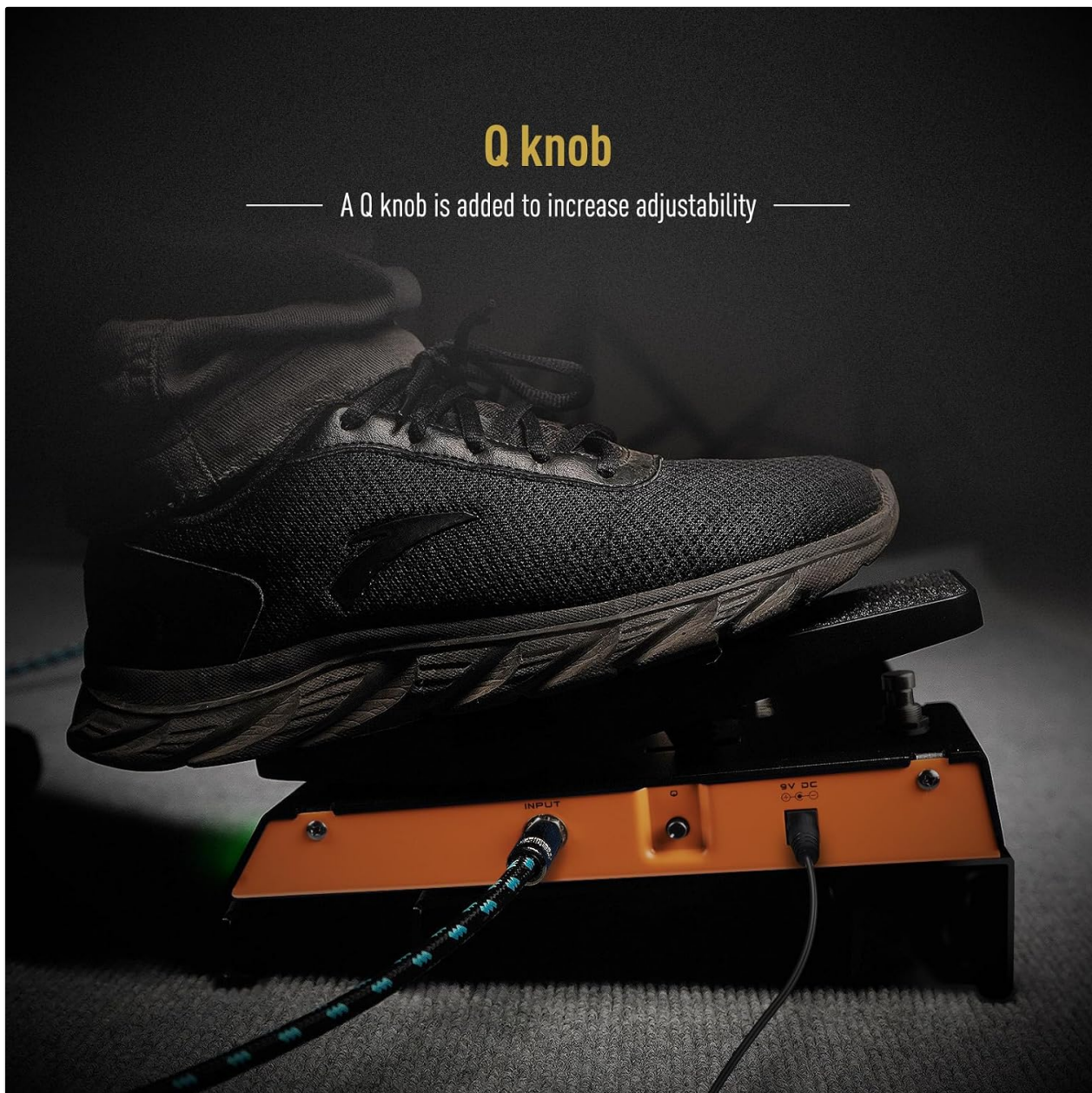


Figure 5: Adjusting the Q Knob for Wah Effect

4.3 Active Volume Mode Operation

In Active Volume mode (Blue LED), rock the pedal back and forth to control the output volume of your signal. The active circuit design helps prevent impedance mismatch issues, ensuring a consistent and clear signal throughout the volume sweep.

Video 1: Demonstration of SONICAKE Full-Size Wah Active Volume Pedal - Flip Wah. This video showcases the pedal's dual functionality and ease of switching between modes.

Video 2: SONICAKE FlipWah Demo - Wah Active Volume Pedal. A detailed demonstration of the pedal's wah and volume capabilities in a musical context.

5. MAINTENANCE

To ensure optimal performance and longevity of your SONICAKE FlipWah pedal, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the pedal's exterior. Avoid abrasive cleaners or solvents.
- **Storage:** Store the pedal in a dry environment away from extreme temperatures and humidity.

- **Battery Replacement:** If using a 9V battery, replace it when the LED indicator dims or the pedal's performance is affected. Always remove the battery if the pedal will not be used for an extended period to prevent leakage.
- **Cable Care:** Ensure all audio and power cables are in good condition and properly connected to prevent signal loss or damage.

6. TROUBLESHOOTING

If you encounter issues with your FlipWah pedal, refer to the following common troubleshooting steps:

- **No Sound:** Check all cable connections (input, output, power). Ensure the guitar and amplifier are working correctly. Verify the pedal is receiving power and the LED is illuminated.
- **Weak or Distorted Sound:** Check battery level or power supply. Ensure all cables are fully inserted and not damaged. Test with different cables or a different power source.
- **Wah Effect Not Engaging:** Ensure the pedal is in Wah mode (Green LED). Press firmly on the toe-down position to switch modes if necessary.
- **Volume Control Not Smooth:** If using a 9V battery, ensure it is fresh. If using a power adapter, ensure it meets the 9V DC center-negative specification. For optimal volume control, use a TRS cable for connections.
- **Excessive Noise/Hum:** Ensure proper grounding of all equipment. Try isolating the pedal from other power sources or effects pedals to identify interference.

7. SPECIFICATIONS

Feature	Specification
Model Number	QEP-10
Item Weight	1 Kilogram (2.2 pounds)
Product Dimensions	9.57 x 2.36 x 3.94 inches (24.3cm L x 6cm W x 10cm H)
Body Material	Metal
Power Source	Battery Powered (9V) or DC 9V 5.5mm x 2.1mm center negative adapter
Voltage	9 Volts
Hardware Interface	1/4-inch Audio
Signal Format	Analog

Full-size pedal

Because size matters!



Figure 6: Full-size Pedal Dimensions

8. WARRANTY AND SUPPORT

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