BOSS FS6

BOSS FS-6 Dual Foot Switch Instruction Manual

Model: FS6 | Brand: BOSS

Introduction

The BOSS FS-6 Dual Foot Switch is a versatile accessory designed to provide enhanced control over your musical equipment. It integrates both latching and momentary switching capabilities into a single, robust unit, making it suitable for a wide array of applications, from controlling loop stations to switching amplifier channels.

Key features include:

- Dual Momentary/Latching Footswitch functionality.
- Stereo input jack for single stereo cable connection, allowing control of both switches with one cable.
- Compatibility with a wide variety of instruments, rhythm machines, and guitar amplifiers.
- Independent assignment of latch- or momentary-type operation for each footswitch.



Figure 1: Top view of the BOSS FS-6 Dual Foot Switch, highlighting the A and B footswitches.

Setup

Battery Installation

The FS-6 is powered by a single 9V battery (included). To install or replace the battery:

1. Turn the unit upside down.
2. Locate the battery compartment cover on the bottom of the unit.
3. Slide the cover to open the compartment.
4. Connect the 9V battery to the battery clip, ensuring correct polarity.
5. Place the battery inside the compartment and close the cover securely.

Note: To prevent battery drain, always unplug all cables from the FS-6 when it is not in use.



Figure 2: Rear view of the FS-6, illustrating the input jacks and mode/polarity switches.

Connections

The FS-6 offers flexible connection options:

- **Individual Control (A or B):** Use standard 1/4-inch TS (mono) cables to connect either the 'A' or 'B' output jack to your device for independent control of each switch.
- **Dual Control (A&B):** For simultaneous control of both switches using a single cable, connect a 1/4-inch TRS (stereo) cable to the 'A&B' output jack. This is ideal for devices that support stereo footswitch inputs, such as loop stations or multi-effects processors.

Operating the FS-6

Latching and Momentary Modes

Each footswitch (A and B) on the FS-6 can be set to one of two modes using the 'MODE' switch located on the rear of the unit:

- **FS-5U (Momentary):** In this mode, the switch sends a signal only while it is being pressed. Releasing the switch stops the signal. This is useful for functions like tap tempo or momentary effects.
- **FS-5L (Latch):** In this mode, the switch toggles between ON and OFF with each press. Pressing it once turns the function ON, and pressing it again turns it OFF. This is suitable for functions like channel switching or effect bypass.

Polarity Adjustment

The 'POLARITY' switch on the rear of the unit allows you to reverse the polarity of the switch signal. This is crucial for ensuring compatibility with various devices, as some equipment may require a different signal polarity to correctly interpret the footswitch input. If the footswitch is not responding as expected, try adjusting the polarity setting.

Integration with Other Devices

The FS-6 is designed to work seamlessly with a wide range of BOSS and Roland products, as well as other compatible musical equipment. Common applications include:

- **Loop Stations:** Control recording, playback, overdubbing, and stopping loops.
- **Guitar Amplifiers:** Switch between clean and distorted channels, or activate/deactivate built-in effects.
- **Multi-Effects Processors:** Bank up/down through presets, or toggle individual effects on/off.
- **Rhythm Machines:** Start/stop drum patterns or fill-ins.



Figure 3: The FS-6 (right) and FS-7 (left) footswitches connected to a BOSS Loop Station, demonstrating typical usage.

Maintenance

To ensure the longevity and optimal performance of your BOSS FS-6 Dual Foot Switch, follow these maintenance guidelines:

- **Cleaning:** Wipe the unit with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents.
- **Storage:** Store the unit in a dry environment, away from extreme temperatures and direct sunlight.
- **Battery Care:** As mentioned, always unplug all cables from the unit when not in use to prevent unnecessary battery drain. If storing for an extended period, remove the battery.
- **Physical Protection:** While built robustly, avoid dropping the unit or subjecting it to excessive force.

Troubleshooting

No Response from Footswitch

- **Check Battery:** Ensure the 9V battery is correctly installed and has sufficient charge. The 'POWER' LED should illuminate when a cable is connected and a switch is pressed (in latch mode).
- **Cable Type:** Verify you are using the correct cable type (TRS for A&B dual control, TS for individual A or B control).
- **Polarity Setting:** Adjust the 'POLARITY' switch on the rear of the unit. Different devices may require different polarity settings for proper operation.
- **Mode Setting:** Ensure the 'MODE' switch (Momentary/Latch) is set appropriately for the function you intend to control on your connected device.

Battery Drains Quickly

- **Unplug Cables:** The FS-6 draws power when cables are connected, even if not actively being used. Always unplug all cables when the unit is not in use to conserve battery life.
- **Battery Type:** Ensure you are using a fresh, high-quality 9V alkaline battery.

Specifications

Operation Mode	Foot switch
Current Rating	8 Milliamps
Operating Voltage	9 Volts
Contact Type	Normally Open
Connector Type	1/4-inch Straight
Brand	BOSS
Item dimensions L x W x H	7.95 x 3.9 x 1.95 inches
Circuit Type	2-way
Actuator Type	Hinge Lever
Contact Material	Aluminum
International Protection Rating	IP54
Number of Positions	2
Control Method	Touch
Color	Silver
Item Weight	1.1 pounds
Country of Origin	Japan
Item model number	FS6
Battery type	Alkaline (1 x 9V included)

Warranty and Support

The BOSS FS-6 Dual Foot Switch comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. For technical support, service, or additional information, please visit the official BOSS website or contact their customer service department.

Keep your proof of purchase for warranty claims.

Ask a question about this manual

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Example: How do I reset this device or fix this error?

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