The GigRigTM G3 ATOM Switching System User Guide

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Product Information: Solid-State Switcher A for The GigRigTM G2/G3

The Solid-State Switcher A is a replacement footswitch for Fender amplifier models that use footswitches as extensions of the voltage sensing circuit for channel selection and option selection for the amplifier. It allows users to remotely control the amplifier's functions through the GigRigTM G2/G3 system.

The Switcher

The Solid-State Switcher A consists of the following parts:

- TS Cable to Amplifier Footswitch Socket
- 9V DC Power Centre
- Negative 7mA
- TRS Cable to G2/G3 Remote Socket
- Amp F/S Switcher A
- Power 9V DC 7mA
- G2/G3 Remote

Making Connections

To use the Solid-State Switcher A, follow these steps:

1. Connect the Amp F/S to the amplifier's Footswitch socket using a TS cable (standard instrument cable). See Figure 1 for reference.
2. Connect the TRS cable to the G2/G3 Remote Socket.
3. Connect the other end of the TRS cable to the Solid-State Switcher A.
4. Connect the 9V DC Power Centre to the Solid-State Switcher A.

See Figure 2 for reference on how to connect using a TRS-style connector.

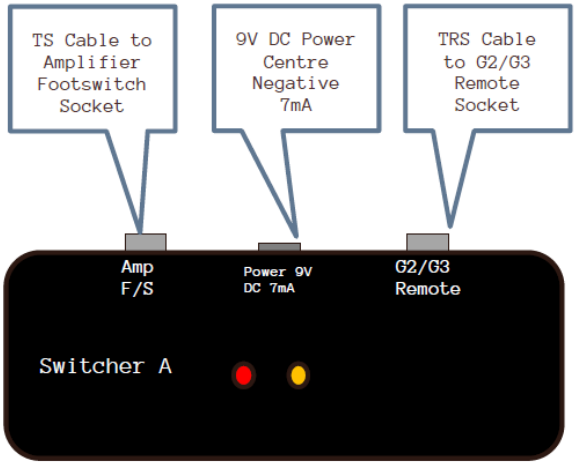
Configuring the GigRigTM G2/G3

Refer to the GigRigTM G2/G3 User Guide to configure the system to work with the Solid-State Switcher A.

Introduction

Several Fender amplifier models now use footswitches that are extensions of the voltage sensing circuit for channel selection, and option selection for the amplifier. Here are some examples of amplifiers that use the two-button three-function footswitches: BASSBREAKER 30R™, HOT ROD DELUXE™, HOT ROD DEVILLE™, DELUXE 90™, STAGE 160™, STAGE 100™, STAGE 100™ HEAD, FM 212R™, FM 100™ HEAD. The footswitches provided by Fender contain a circuit known as #050416 dated 1996. These footswitches appear to have the same internal circuit but different housings. The switcher box should work with any of the new two-button three-function footswitches. The amplifier's switching circuit uses a pulsed DC voltage that senses different positive and negative voltage levels and switches the Channel Select and Drive / More Drive circuits as required. The purpose of the Solid-State Switcher A (Switcher) is to replace the standard push button footswitch with a solid-state switching system that interfaces with The GigRig™ G2/G3 via the Remote TRS interfaces allowing you to use the GigRig™ G2/G3 instead of the amplifier's footswitch.

The Switcher
The diagram below shows the various parts of the switcher:



Making Connections

Figure 1 – TS Style Connector

Amp F/S – Connect to the amplifier's Footswitch socket using a TS cable (standard instrument cable).

G2/G3 Remote – Connect to the GigRig™ G2/G3 Remote socket – it can be either one, it doesn't matter which.

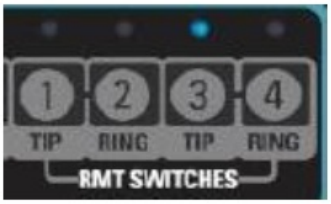
Figure 2 – TRS Style Connector

Power 9V – Connect to your power supply. Should comply with 9V DC, Centre Negative, 7mA.

Configuring the GigRig™ G2/G3

To make use of the Switcher box select the Ring or Tip when configuring the GigRig™ G2/G3 footswitch. Please see the GigRig™ G2/G3 user guide for further information on configuring the GigRig™ G2/G3 switcher.
Ring –Equivalent to the left-hand button on the amplifier footswitch.

Tip – Equivalent to the right-hand button on the amplifier footswitch.



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