

FEATURES AND FUNCTIONS

- ① **REMOTE-1** - This 1/4" jack outputs the switching signal when switch R-1 is depressed.
- ② **9VDC** - connection jack for standard 9 volt power adaptors (center tip negative).
- ③ **REMOTE-2** - 1/4" jack outputs switching signals when R-2 switch is depressed.
- ④ **LATCH/PULSE** - Selects the type of switching signal between latching contact type and electronic pulse.
- ⑤ **OPEN/CLOSED** - Selects between two switch states; normally open, or normally closed for compatibility with different switching schemes.
- ⑥ **R-1** - heavy-duty footswitch with LED status indicator. Triggers switching signal at REMOTE-1 output when depressed.
- ⑦ **LINK** - Three position switch allows either footswitch to act as a master and control both outputs. This enables the SW2 to toggle two different devices simultaneously by depressing a single switch.
- ⑧ **R-2** - heavy-duty footswitch with LED status indicator. Triggers switching signal at REMOTE-2 output when depressed.



True to the Music

BIGSHOT SW2 SPECIFICATIONS

Connections: 2 x 1/4" phone outputs
 Switching: Active relays with latching & pulse modes
 Power requirement 9 Volt DC, center negative
 Current draw: 40mA max with both LEDs on
 Size: 3" x 3" x 2"

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True to the Music

BigShot SW2 Owner's Manual



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INTRODUCTION

Congratulations on your purchase of the Radial Bigshot SW2 Slingshot remote control. Radial products are easy to use and this short manual contains all the information you need to start using your Bigshot SW2 right away. For more information on the SW2 and other Radial products, visit our website, www.radialeng.com.

OVERVIEW

The BigShot SW2 is a two channel universal remote footswitch that can be used with amplifiers, rackmount effects or any device that has a footswitch input. The BigShot SW2 may also be used to remotely control Radial Tonebone switchers that feature a Slingshot input like the Headbone and Cabbone.

The SW2 can switch amp channels, turn on/off reverb or bypass a rackmount effect. Both latching and pulse signals are supported, thus enabling the SW2 to control older amplifiers with contact closure type switching and newer electronic pulse sensing amplifiers. The SW2 is powered by a standard 9 volt adaptor (not included).

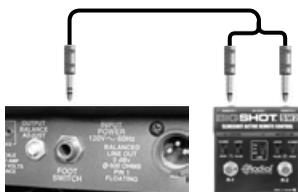
CONNECTING THE BIGSHOT SW2

Although the BigShot SW2 may be used with virtually any device with a footswitch input, we will focus on guitar amplifiers.

If your amp uses a stereo 1/4" TRS jack to control two functions, like channel switching and reverb bypass, you can buy an "insert" type cable to connect the SW2 or make one yourself. You can also use a balanced 1/4" cable with a TRS footswitch jack, but only one function will switch and which function will depend on how the amp manufacturer has wired the TRS jack.

If your amp has one or two mono 1/4" footswitch jacks then standard guitar cable(s) are all you need to connect the SW2 to your amp.

Should your amp employ some other kind of multi-pin connection for the footswitch, you may have to build a break-out adaptor cable to allow the SW2 to work with your system. To be safe, we suggest you discuss your specific needs with a qualified tech to ensure you get the right adaptor for your amp.



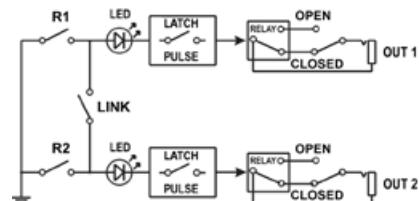
Insert cable used with 1/4" TRS footswitch jack.



Guitar cables used with separate footswitch jacks.

USING THE BIGSHOT SW2

To assist in understanding the SW2 follow the block diagram from the left to the right as each function is described.



There are two footswitches (R1 & R2) that work independently or may be linked together. The LINK switch lets you assign either of the two footswitches as a master switch that controls both outputs.

The LATCH-PULSE switch lets you select the type of control signal going to your amp. Older amps generally use a latch type control circuit, while newer amps with electronic switching sense a momentary pulse. Your SW2 Slingshot can produce both types of switching signals. Try the switch in both positions to determine which works best with your amp.

The OPEN-CLOSED switch lets you toggle the relay switching between a 'normally open' or 'normally closed' status to match the way your amp has been designed. Try the switch in both positions to determine the best setting for your amp.

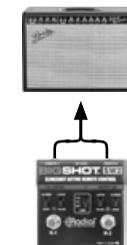
Because the BigShot SW2 features two outputs it can control more than one device. You could, for example, connect the SW2 to a stereo setup with two amplifiers and use the SW2 to control channel switching or effect bypass on both amps. The LINK switch would be useful in this type of setup.

Another use would be controlling an amp and another device such as a rackmount effect. One footswitch on the SW2 can connect to the amp for channel switching and the other to the effect for bypass control. Independent switching might be best in this type of setup. The best part is that the BigShot SW2 allows you to customize how your setup works.

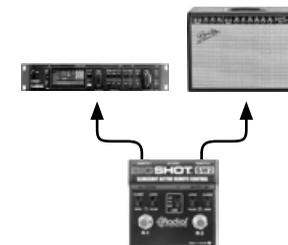
SLINGSHOT

Remote switching is integrated into the Tonebone pedals, like the Headbone and Cabbone, through a feature we call Slingshot. By connecting the SW2 to a Slingshot input you may remotely switch amplifier heads (Headbone) and/or speaker cabinets (Cabbone). A system may even be configured so that two functions switch simultaneously with a single foot stomp on the BigShot SW2. For instance, when the SW2 is paired up with a Cabbone it is possible to have the amp head switch channels at the same time the Cabbone switches speaker cabinets. That's synergy!

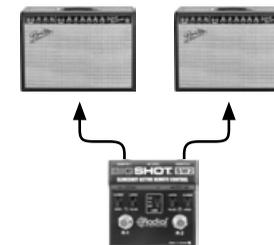
TYPICAL SETUPS



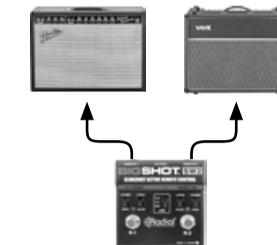
Single amp. The BigShot SW2 controls channel switching and effect bypass.



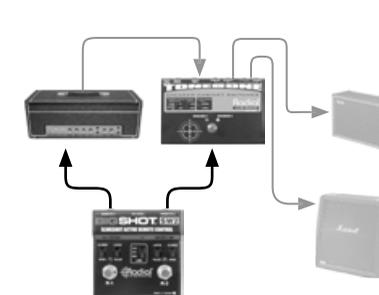
Amp and rack effect. The BigShot SW2 controls channel switching and effect bypass.



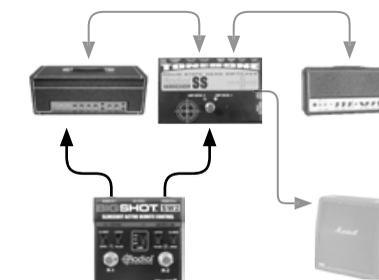
Stereo amp setup. The BigShot SW2 controls channels switching on both amps.



Two amp setup. The BigShot SW2 controls channels switching on both amps.



Speaker cabinet and channel switching with Radial Cabbone.



Amplifier head and cabinet switching with Radial Headbone.