

# XOTIC EFFECTS USA CUSTOM SHOP

Congratulations on purchasing the NEW Xotic Stereo X-Blender! Since the release of the Xotic X-Blender, we have enjoyed five successful years of providing our users with the ability to keep their tone pure. Many musicians have made the X-Blender part of their own signature sound. The SXB-1 is much like a mixing console, three parallel effects loops equipped with a very transparent buffer amplifier which allows feeding and mixing of effects without signal deterioration. This preserves the integrity and dynamics of the guitar signal. If you seek the ultimate tonal purity, you seek the new Xotic Stereo X-Blender!



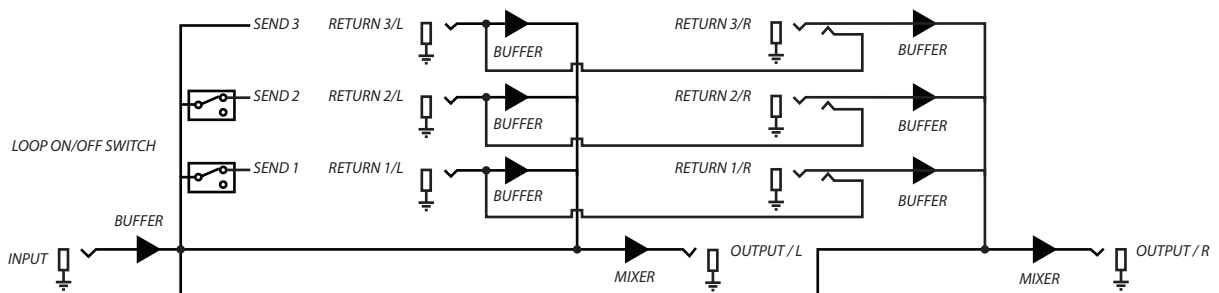
**SEE PAGE 2**

- 1. LOOP 1 EFFECT LEVEL MIX KNOB** - Controls the volume of wet signal from RETURN JACK 1/R and 1/L
- 2. LOOP 2 EFFECT LEVEL MIX KNOB** - Controls the volume of wet signal from RETURN JACK 2/R and 2/L
- 3. LOOP 1 ON/OFF SWITCH** - Turns on/off LOOP1
- 4. LOOP 2 ON/OFF SWITCH** - Turns on/off LOOP2
- 5. OUTPUT JACK L/R** - Connect to amps
- 6. DC JACK** - 2.1mm x 5.5mm, 9 to 18vdc, negative center. Use only regulated power supply.

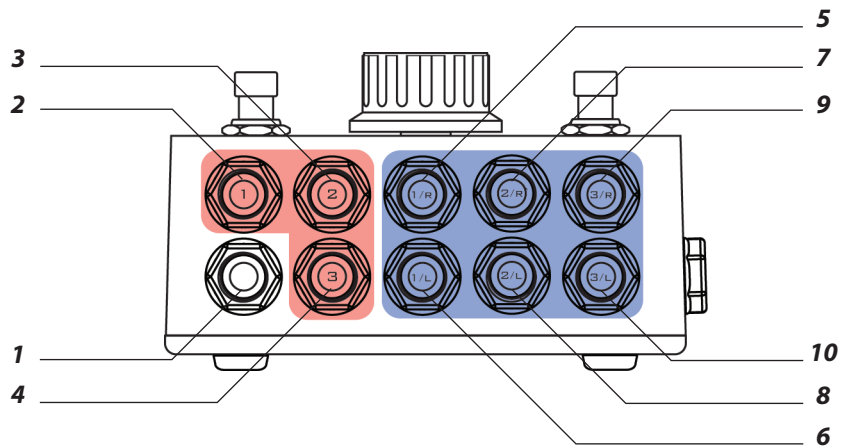
*Note: Remove four screws from the bottom plate to access battery.*

The SXB's parallel effects loop splits your original dry signal, sending one signal to feed the effects in the loop while keeping the integrity of the other unaltered. The wet signal is then blended back with the dry signal. As you see in the diagram, the dry signal is never interrupted, whether the loop is on or off. Each loop switch turns on/off the send signal of each assigned loop rather than the "return" signal. This allows a delay pedal's "repeats" to trail off after the loop is turned off and eliminates the delayed repeats from ending immediately or starting awkwardly. This method provides a more musical response.

### **BLOCK DIAGRAM:**



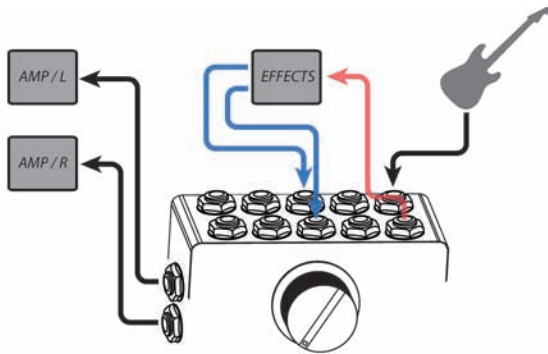
**BACK SIDE VIEW:**



1. **INPUT JACK** - Connect instruments. Nominal input -20dB.
2. **SEND JACK 1** - Connects to LOOP1 effect's input. The effect is fed with send signal when the LOOP1 on/off switch is turned on.
3. **SEND JACK 2** - Connects to LOOP2 effect's input. The effect is fed with send signal when the LOOP2 on/off switch is turned on.
4. **SEND JACK 3** - Connects to LOOP3 effect's input. The effect is fed with send signal all the time.
5. **RETURN JACK 1/R** - Connects to the right side of LOOP1 effect's output.
6. **RETURN JACK 1/L** - Connects to the left side of LOOP1 effect's output. *Note: Use only this jack for mono signal.*
7. **RETURN JACK 2/R** - Connects to the right side of LOOP2 effect's output.
8. **RETURN JACK 2/L** - Connects to the left side of LOOP2 effect's output. *Note: Use only this jack for mono signal.*
9. **RETURN JACK 3/R** - Connects to the right side of LOOP3 effect's output. *Note: This will output a 50%-50% mix of dry and wet signals.*
10. **RETURN JACK 3/L** - Connects to the left side of LOOP3 effect's output. *Note: Use only this jack for mono signal. This will output a 50%-50% mix of dry and wet signals.*

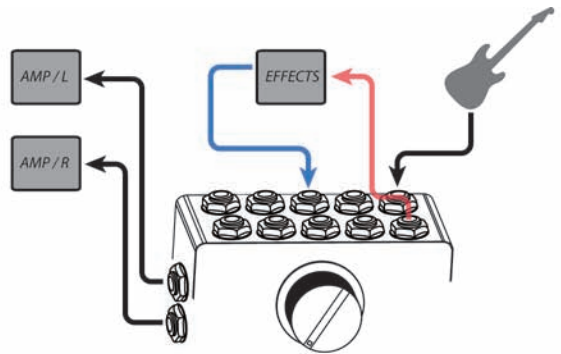
**CONNECTING EFFECTS TO LOOP 1 (STEREO RETURNS):**

*Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.*



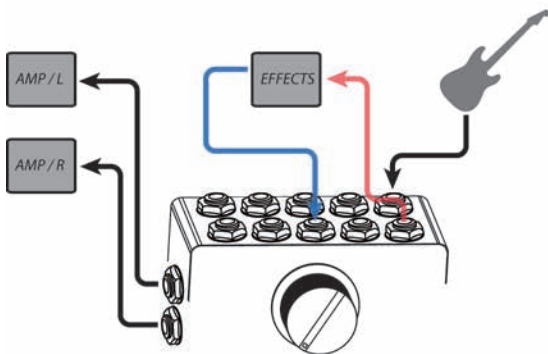
**CONNECTING EFFECTS TO LOOP 1 (MONO RETURN):**

*Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.*

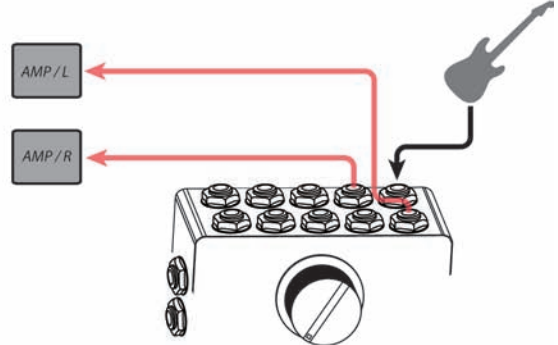


**CONNECTING EFFECTS TO LOOP 1 (AMP/R DRY+WET, AMP/L DRY):**

*Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.*

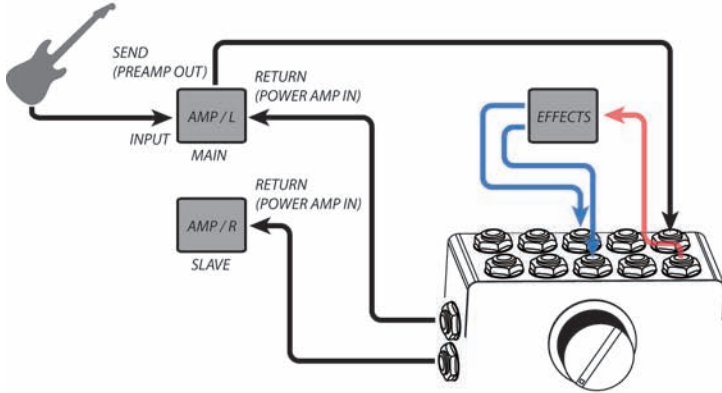


**AMP SWITCHER A-B-Y:**



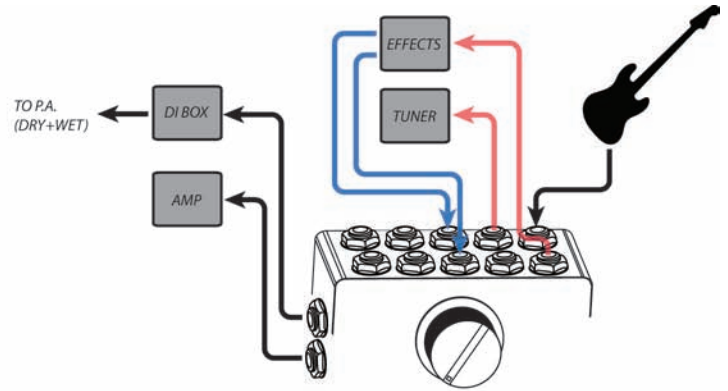
### CONNECTING SXB-1 TO TWO AMPS WITH EFFECTS LOOPS:

Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.



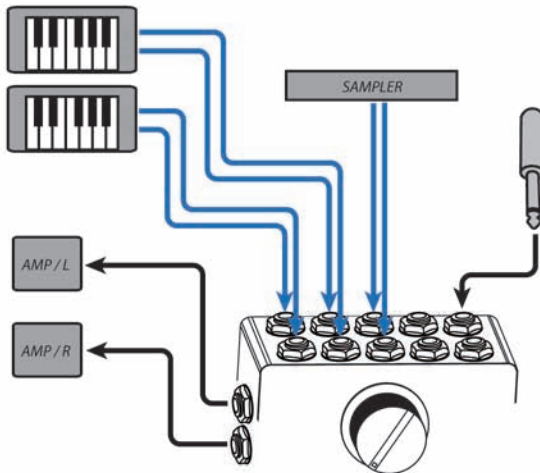
### MULTI-OUTPUT BASS SETUP:

Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.



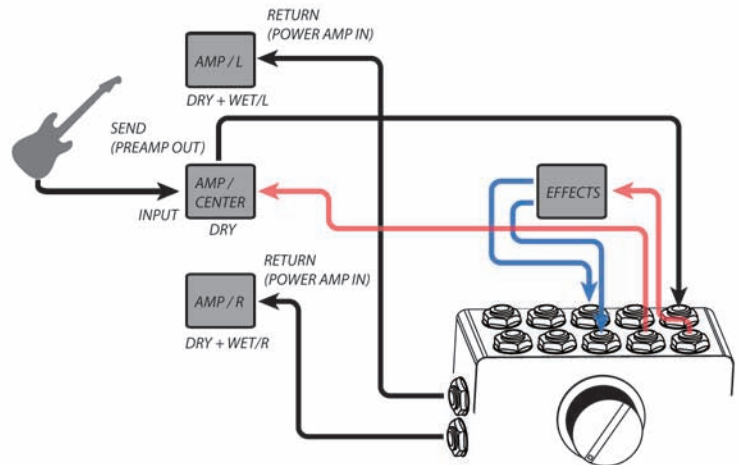
### THREE CHANNEL STEREO MIXER:

Note: Use a dummy plug with the tip's grounded



### MULTI-AMP SETUP:

Note: For optimum tone quality, set your effects to 100% wet signal or enable the killdry function.



### Features and Specifications

**Input Type:** Active or passive unbalanced

**Connectors:** 1/4" mono phone jack

**Impedance:** 1 meg ohm

**Maximum Level:** +4dBu@9vdc, +15dBu@18vdc

**Outputs Type:** Active unbalanced

**Connectors:** 1/4" mono phone jack

**Impedance:** 1k ohm

**Maximum Level:** +4dBu@9vdc, +15dBu@18vdc, 10k ohm or greater

**Return Inputs Type:** Active unbalanced

**Connectors:** 1/4" mono phone jack

**Impedance:** 10k ohm

**Maximum Level:** +4dBu@9vdc, +15dBu@18vdc

**Send Outputs Type:** Active unbalanced

**Connectors:** 1/4" mono phone jack

**Impedance:** 1k ohm

**Maximum Level:** +4dBu@9vdc, +15dBu@18vdc, 10k ohm or greater

**Dimensions (W/D/H):** 4.7" x 3.7" x 2.6" (119mm X 94mm X 66mm)

**Weight:** 1.03 lbs. (470g), Power Consumption: 9VDC/34mA, 18VDC/38mA

**Battery Type:** 9VDC (006P) x 1

**AC Adapter (Optional):** 9VDC-18VDC Negative Tips, Regulated only

Voodoo Lab Pedalpower, Dunlop DC Brick

Boss PSA, Ibanez AC109

### WARNING!!

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK  
DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE**



**CAUTION**

RISK OF ELECTRIC SHOCK

## **Warranty Information**

This product is warranted against failures due to defective parts or faulty workmanship for a period of 1 year after delivery to the original owner. During this 1 year period, we, XOTIC EFFECTS will make necessary repairs without charge for parts and labor. However, shipping charges to and from the repair location must be paid by the owner.

\* This warranty applies only to the original owner and is not transferable.

\* This warranty does not cover damage to the product as a result from accident or misuse.

\* This warranty will be cancelled at the sole discretion of us if the product has;

1. Any signs of tampering, unauthorized service, or modifications.
2. Any damage resulting from physical abuse or failure to follow operating warning.

Please contact us via online form below prior to returning the unit to us for repair.

**[http://www.xotic.us/effects/prd\\_inquiry](http://www.xotic.us/effects/prd_inquiry)**

**Note:** For international customer, if you purchased the unit from a dealer in your country, please consult with the dealer before returning. You are responsible for all freight charges including custom duties. Also, check with your local Customs Authority and register the merchandise before sending it to the United States for repair. Every country's Customs Authority has a different procedure and documentation for repairs, so it is important that you check before you ship the unit back to us. This is important to avoid unnecessary custom duties.



**XOTIC EFFECTS USA**  
**14920 Calvert Street**  
**Van Nuys, CA 91411 USA**

**<http://www.xotic.us>**

**<http://www.xotic.us/customshop>**