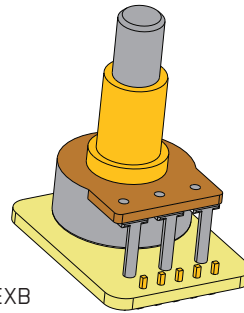




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EXB

INSTALLATION INFORMATION

EMG MODEL: EXB (ACTIVE/PASSIVE PICKUP INPUTS)

SPECIFICATIONS

Input Impedance (Ohms)	250K
Input Referred Noise	-130dbV
Output Impedance (Ohms)	2K
Current @ 9V (Microamps)	750
Battery Life (Hours)	200
Maximum Supply (Volts DC)	18

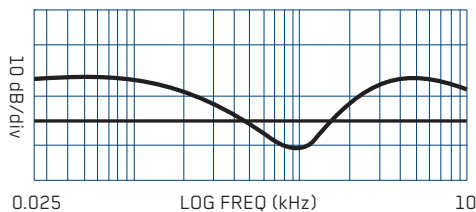
INCLUDED:

- 1 EXB Control
- 1 Battery Clip with Buss Connector
- 1 Stereo Output Jack (Battery Switching)
- 2 Interconnect cables

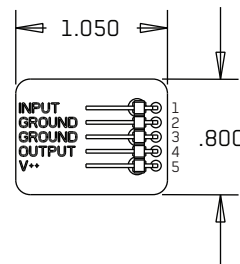
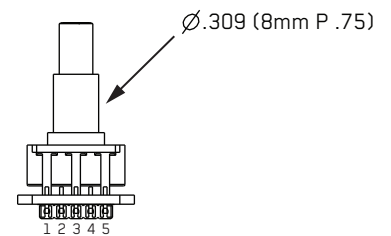
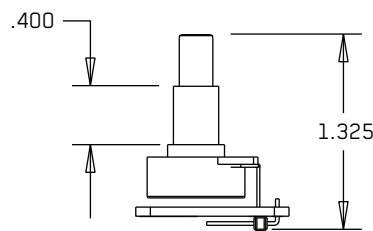
GENERAL OPERATION:

The EXB is an active EQ circuit for bass guitar that simultaneously increases both low and high frequencies while decreasing mid-range. The graph below illustrates the effect of the EXB. The thick black line displays the effect with the control all the way up (clockwise). The flat black line illustrates the effect with the control all the way down (counter-clockwise) in the bypass mode. The EXB is continuously variable from flat to maximum effect. The EXB is wired in series with the signal path, so there is an input and output. The EXB has buffered inputs and can be used with passive pickups.

Frequency Response: EMG-EXB



Dimensions:



Connector for EMG Active Tone controls and accessories.

- Pin 1 Input
- Pin 2 Ground for Input
- Pin 3 Ground for Output
- Pin 4 Output
- Pin 5 V+ Supply

WARRANTY

All EMG Pickups and accessories are warranted for a period of two years. This warranty does not cover failure due to improper installation, abuse or damage. If upon examination the pickup is determined to be defective, a replacement will be made. Warranty replacement products are covered by this same warranty. This

Installation Instructions:

EMG Model: EXB

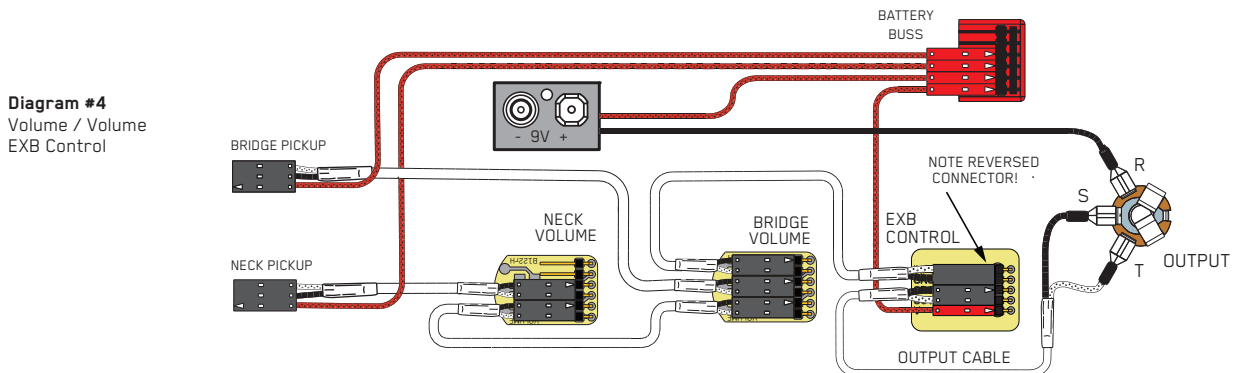
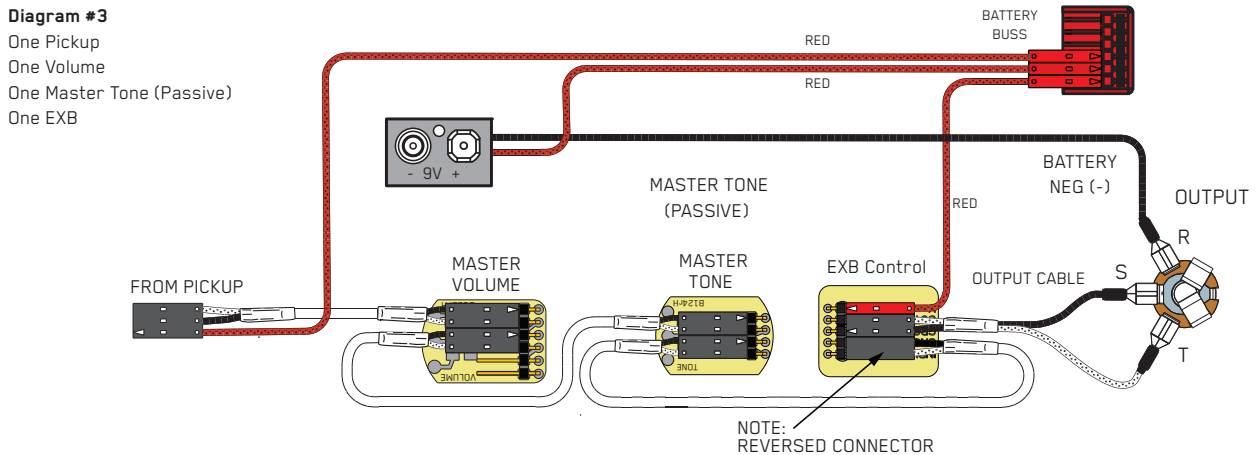
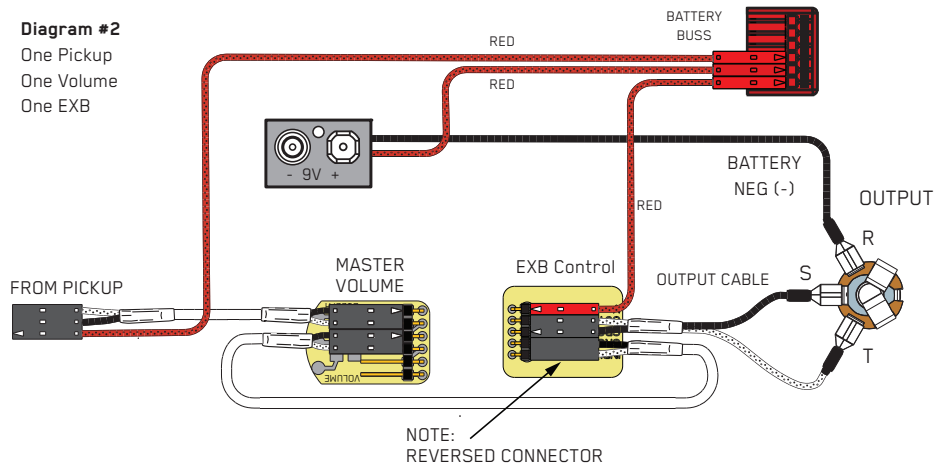
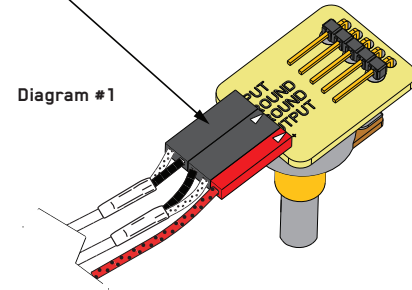
Like all EMG Accessory products the EXB uses the 5-pin header as a standard. Diagram #1 to the right shows how the plug-in connectors are installed. Be sure to reverse the input connector as shown.

Since there are a variety of installations in which the EXB can be installed it is impossible to show every installation in this data sheet. Some of the simpler installations have been chosen. More diagrams are available at our website <http://www.emgpickups.com>. Diagrams #2 and #3 illustrate installations that have a single pickup and do not use a selection switch.

Keep in mind that all of the EMG Accessory controls can be substituted for one another since they all have buffered inputs and utilize the same 5-pin connector. So, if you decide you would rather use the BTC instead of the EXB, simply unplug the EXB and replace it with the BTC.

All of the EMG Active controls use the same 5-pin connector shown below.

Note: Reversed connector! Pins 1 and 2 are reversed. Make sure the connectors are plugged on as shown.



2 Pickup Guitars using a selection switch:

Diagrams #5 and #6 show the pickups connected to the B245 Pickup Buss.

To learn more about the B245 Pickup Buss, be sure to go to <http://www.emgpickups.com>. More diagrams are available at the EMG website.

The EXB or any EMG Active Tone Control is shown following the pickup buss and then to the output jack. A master volume could easily follow the EXB before the output jack.

Diagram #5

2 Pickups
Toggle Style Select Switch
EXB Control
Master Volume

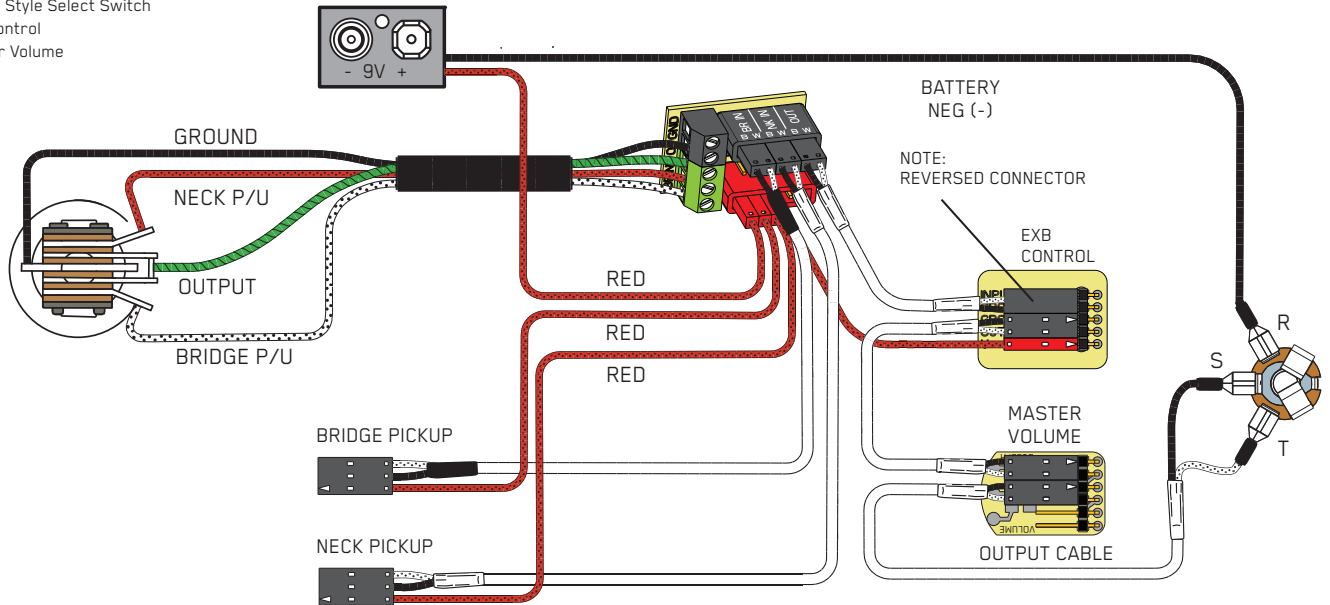


Diagram #6

2 Pickups
Toggle Style Switch
Volume each Pickup (Volumes are independent)
EXB Control

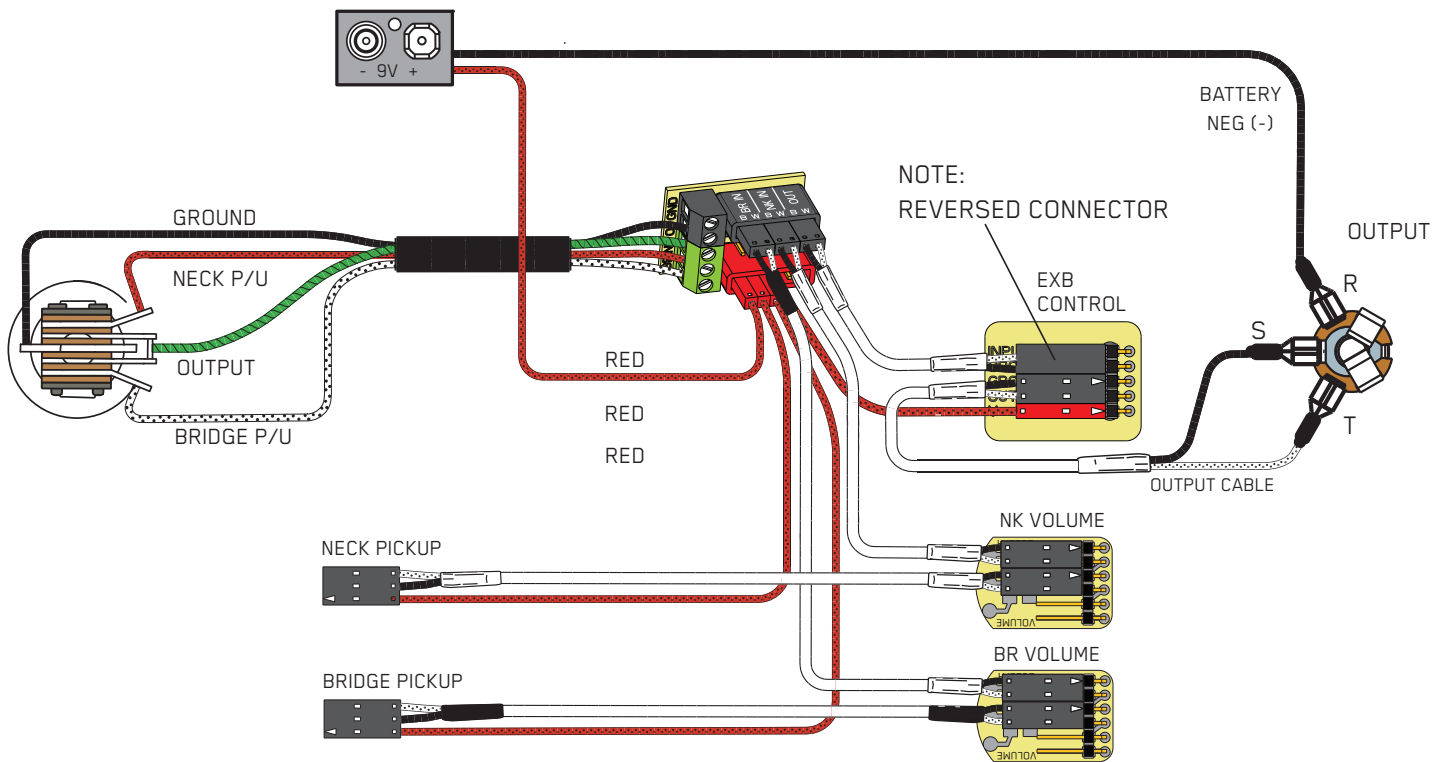
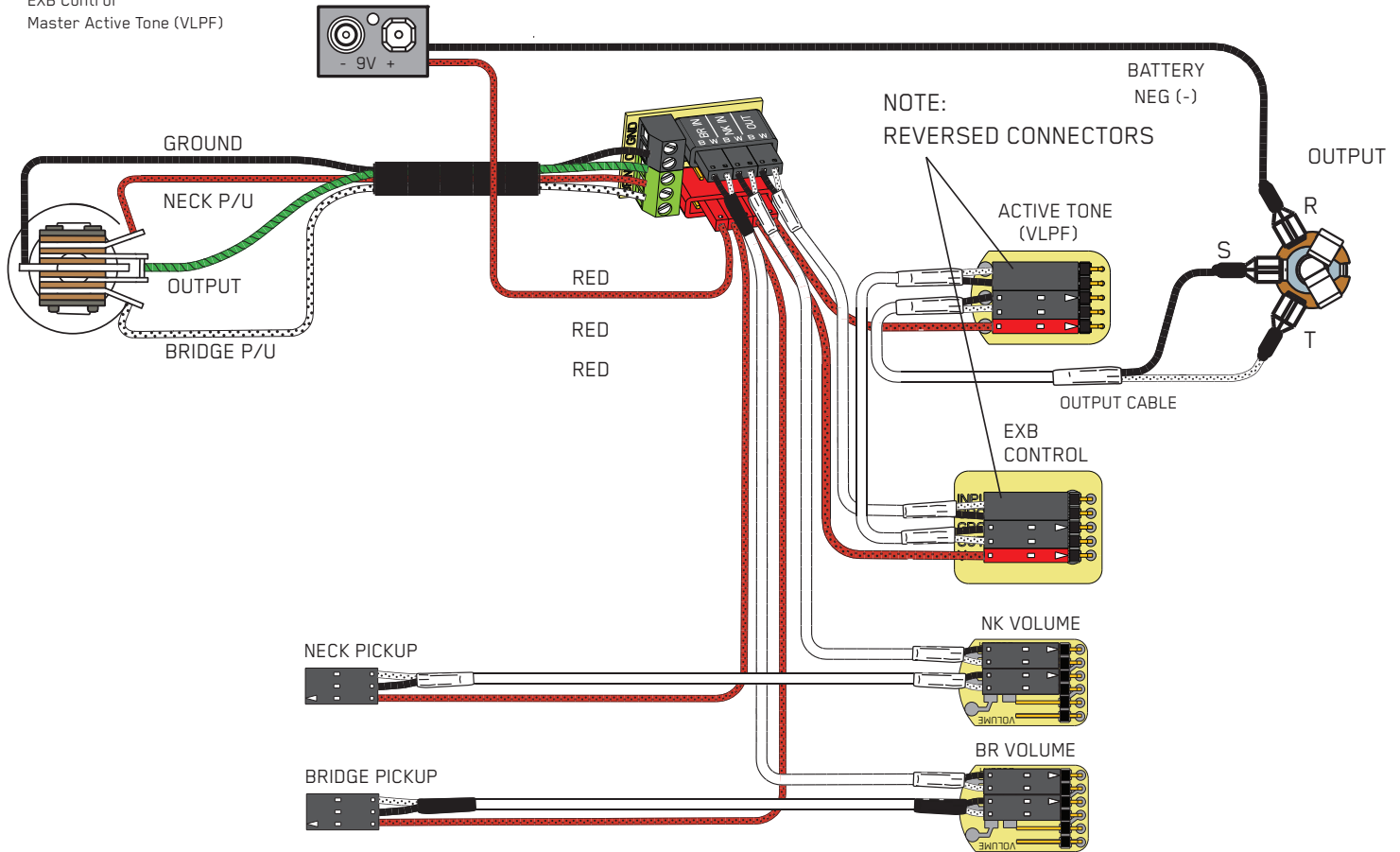


Diagram #7

- 2 Pickups
- Toggle Style Switch
- Volume each Pickup (Volumes are independent)
- EXB Control
- Master Active Tone (VLPF)



This diagram illustrates an installation using the X Series pickups from EMG that have an active Tone control. The controls are wired in the above order with the master Volume control last in the circuit. If you are using the Active Balance Control remember that a passive Tone control will not function when it comes after the ABC Control. If you want a standard tone control the VLPF will be required.

Diagram #8

- 2 Pickups
- ABC Control
- Active Tone (VLPF)
- EXB Control
- Master Volume Control
- Output Jack

