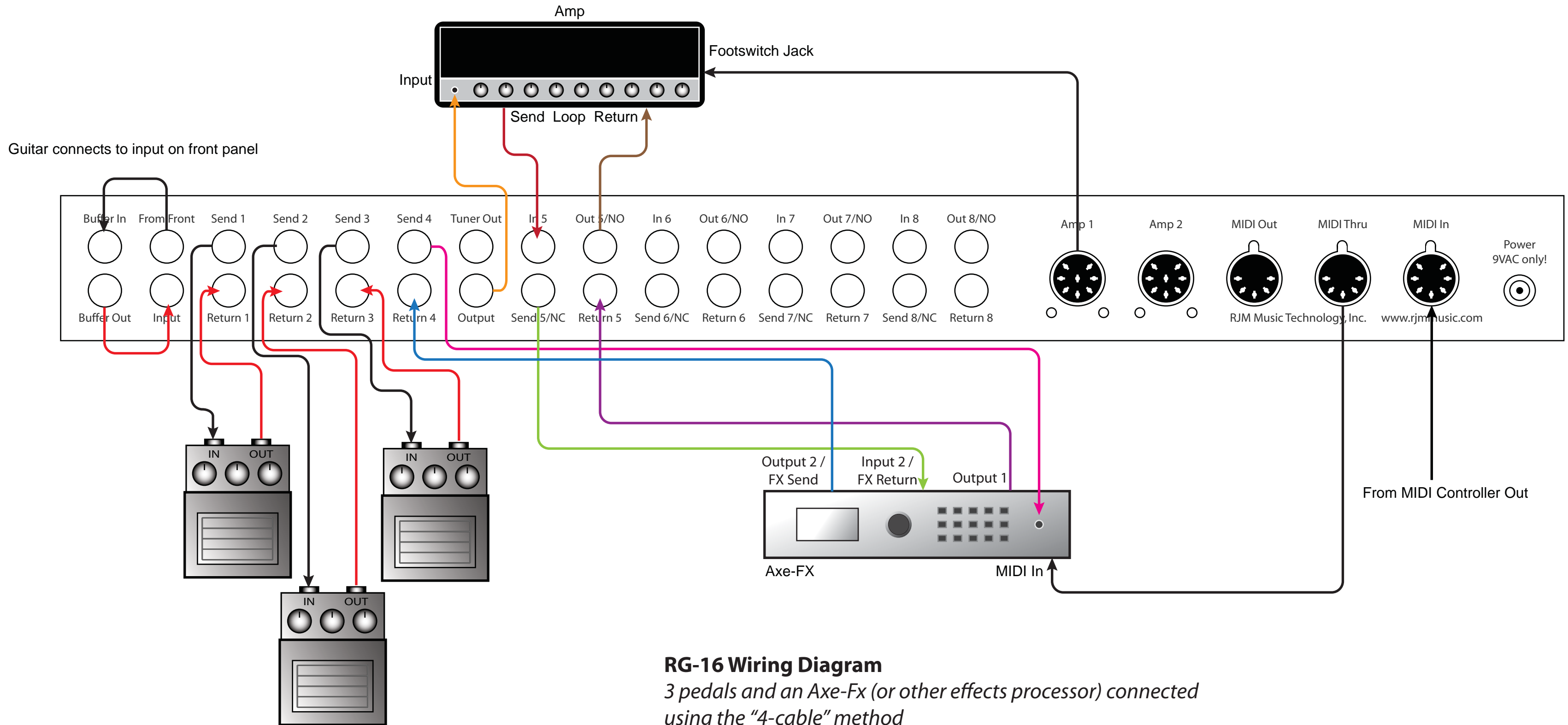




RG-16 Wiring Diagram



RG-16 Wiring Diagram

3 pedals and an Axe-Fx (or other effects processor) connected using the "4-cable" method

Loop 4 controls the Pre effects (in front of the amp's preamp)

Loop 5 controls the Post effects (in the amp's loop)

Pedals are optional - removing them is no problem

This configuration also works with the Effect Gizmo - just use Loop 9 instead of Loop 5 for the effects processor connections.

See notes on the next page!

Notes on setting up an RG-16 (or Effect Gizmo) with an Axe-Fx or other effects processor using the “4-cable” method

(This process should work with any effects processor that has an insert or effects loop built-in. The connections and parameters may be labeled differently, but the general principle is the same. Just make sure that the effects patches have the processor's effects loop active (unless you intend to bypass your amp's preamp).

Setting Levels

In order to get your levels right, set up a patch on the Axe-Fx that has no effects, only the effects loop (FXL) block.

Adjust your amp to normal playing volume.

Turn on loop 4, turn off loop 5 on the RG-16 and adjust the Axe-Fx input level 1 until the level meter just barely gets into the red when you play hard.

Adjust the Axe-Fx output level 2 so that your amp's volume level is the same with loop 4 on as it is with loop 4 off.

Turn off loop 4, turn on loop 5 and adjust the Axe-Fx input level 2 until the level meter just barely gets into the red when you play hard.

Adjust the Axe-Fx output level 1 so that your amp's volume level is the same with loop 5 on as it is with loop 5 off.

Modes of Operation

There are a number of different ways you can use the RG-16 to control which parts of the Axe-Fx and your amp are active:

- 1). **Amp only** - turn off loops 4 & 5. The Axe-Fx is completely switched out of the signal path.
- 2). **Pre effects** - turn loop 4 on, loop 5 off. The Axe-Fx will be placed in front of your amp's input. Make sure that your Axe-Fx patch has the FXL block in it. Only the effects that appear before the FXL block will be active.
- 3). **Post effects** - turn loop 4 off, loop 5 on. The Axe-Fx will be placed in the effects loop of your amp. Make sure that your Axe-Fx patch has the FXL block in it. Only the effects that appear after the FXL block will be active.
- 4). **Pre and post effects** - turn loop 4 on, loop 5 on. The Axe-Fx will be placed in front of your amp's input *and* in the amp's effects loop. Make sure that your Axe-Fx patch has the FXL block in it. Effects that appear before the FXL block will be placed in front of your amp's input, and effects that appear after the FXL block will be placed in the amp's effects loop.
- 5). **Axe-Fx as preamp** - turn loop 4 on, loop 5 on. Make sure that the patch **does not** have the FXL block in it. Your amp's preamp will be bypassed entirely, making the Axe-Fx your preamp.