

Blaster Installation Instructions

It's easy to install your new Blaster preamp. Please read the instructions completely to make sure you understand the procedure before starting.

Prepare Your Guitar

Place your guitar on its back with the neck to the right. This puts the controls and output jack near you. Remove the strings.

Remove the two Phillips head screws that mount the output jack and pull the plate up. Cut the two wires which connect to the jack and put aside. Remove the screws around the outside of the pickguard (don't loosen the screws that secure the pickups or slot switch). Take hold of the tone control and lift the pickguard, flipping it over to expose the wiring.

In the guitar's routed cavity, you will find a black wire near the bridge. This wire serves to ground the bridge and we won't disturb it. Two other wires exit in the direction of the output jack cavity. Pull these wires free and note they connect to the volume control. Cut these wires off about 3 inches (75 mm) from the terminals of the volume control. Being careful not to nick the ends of the wire, strip about $\frac{3}{8}$ inch (10 mm) from the ends.

We recommend you shield your guitar against interfering electrostatic fields. To be effective, it must be a good conductor of electricity like copper foil or silver conductive paint. It must surround all wiring and be connected to the ground side of the wiring, preferably near the output jack.

Install the Blaster

Pick up the Blaster and feed all of its wires through the hole connecting the output jack cavity and the volume control cavity. Pull the wires through and position the Blaster, lining up the mounting holes with the original holes. Re-install the two Phillips head screws to secure the Blaster. Do not overtighten as it is easy to strip the threads in the wood.

To make connections, you may use wire nuts or solder. Connect the red wire from the battery connector to the red wire from the Blaster. Next, connect the white wire from the center terminal of the volume control to the white wire coming from the Blaster. Finally, the black wire from the battery connector, the black wire from the volume control and the black wire from the Blaster are connected.

Plug the battery to the battery connector and place it in the narrow part of the cavity that is near you (directly beneath the tone controls when the pickguard is in place). Using the

supplied adhesive backed foam, pull off the release paper to expose the adhesive and position the foam on the two controls; the foam will hold the battery in place.

Now turn the pickguard over to its original place. Sight under the pickguard when it is almost down to see that all wires are free from interference. Mount the pickguard, being careful not to overtighten.

Plug in your cord and BLAST OFF!

How to Operate Your Blaster

Turn the unit on by plugging in the output jack. When the switch is down, the Blaster is bypassed and your guitar will sound like it did before you installed the Blaster. Please note that even when the Blaster is bypassed, the battery is still on, so unplug the guitar when you are not using to get the longest life out of your battery.

When the switch is up, you hear the output of the Blaster. You can change the amount of signal boost (gain) by adjusting the trimpot which is accessible through a small hole on the mounting plate, about halfway between the switch and the output jack.

Your Blaster's Features Include

- ☒ Adjustable gain between 3 and 14 dB
- ☒ Extremely high impedance input for minimum loading of your guitar's pickup and electronic circuitry
- ☒ Field Effect Transistor circuit configuration isolates the stray capacitance of your guitar cord and assures maximum bandwidth from your pickups.
- ☒ Frequency response of your guitar does not change when you change the volume control.
- ☒ Very low power drain - approximately 100 μ A
- ☒ Battery life - approximately 10 months



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