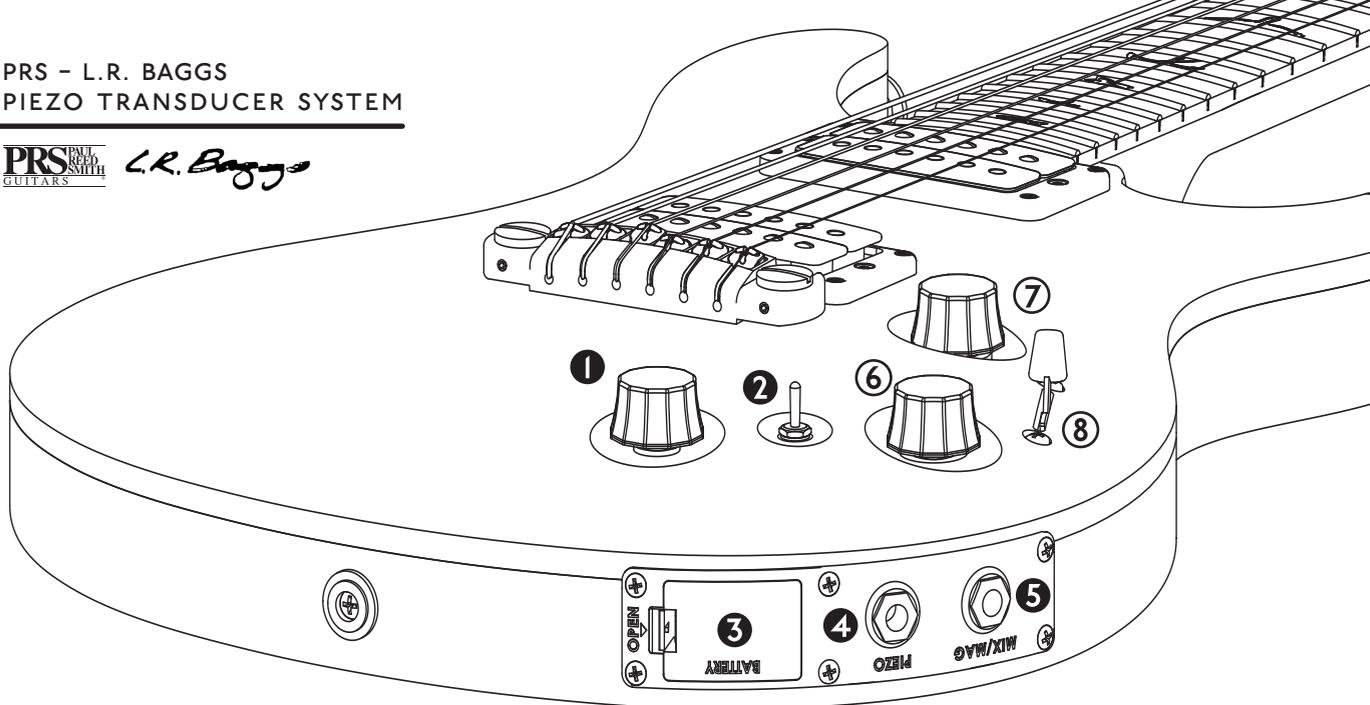


PRS - L.R. BAGGS PIEZO TRANSDUCER SYSTEM

PRS
GUITARS

L.R. Baggs



Congratulations on purchasing the PRS/LR Baggs Piezo Transducer System. You now own one of the most realistic sounding piezo pickup systems available for electric guitar, featuring Patented (U.S. PAT# 6,111,186) circuitry that accurately reproduces the tone and dynamics of a fine flat-top acoustic.

Please read the information on the following pages carefully in order to get the best from your new system.

The PRS/LR Baggs system operates in two modes, "Mix/Mag Output" and "Piezo Only Output." The system mode is determined by the output jack that is in use. The functions of the controls change with mode selection. It is important to note that the PRS/LR Baggs system is a full range system and, although electronically compatible with any regular guitar amp, will always sound best through a full range PA or direct into a studio board and studio monitors.

Please note that if there is a jack plugged into both outputs the Mix/Mag output becomes magnetic only.

Piezo specific controls:

- ① Blend Control/Piezo Volume Control
- ② System Switch (mini-toggle)
- ③ Battery Holder
- ④ Piezo Output
- ⑤ Mixed Output

Additional controls (for magnetic pickups)

(see model pages for exact location of these controls)

- ⑥ Tone Control
- ⑦ Volume Control
- ⑧ Pickup Switch

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OPERATING INSTRUCTIONS

Mix/MAG MODE

Plugging into the “Mix/Mag” output jack lets you hear both the regular magnetic pickups and the piezo system together using just one regular mono jack cord. This mode allows you to get the maximum tonal versatility from the system without worrying about special cables and amps. Please note: as guitar amps are not full range, you may not hear the full range of the piezo system if plugged into a regular electric guitar amp. In this mode the controls act as follows:

Blend Control - Balance control between magnetic and piezo pickups.

System Selector - Selects magnetic, piezo or both systems. Down for magnetic pickups only, middle for both systems and up for piezo pickup only.

Volume Control - Magnetic volume knob works as a master volume for the whole guitar.

PIEZO ONLY MODE

In “Piezo Only” output mode, the signal from the magnetic pickups is sent to the “Mix/Mag” jack, and the piezo signal is sent to the “Piezo Only” output. Use two regular mono guitar cords to send the magnetic pickups to your favorite guitar amp and the piezo system to an acoustic guitar amp, PA system or studio mixing board. Once again, no special cables are needed, just a couple of regular guitar jack cords. In this mode, the controls work as follows:

Piezo Volume Control - Volume control for piezo system.

System Selector - Same as in Mix/Mag mode.

Volume Control - Magnetic volume knob works as a master volume control for magnetics only.

OUTPUT SECTION

The two output jacks function as follows:

Piezo Output: Output for the piezo signal.

Mix/Mag Output: The Mix/Mag output has a dual function. Used on its own it is the output for the magnetic and piezo pickups together. Used in conjunction with the piezo output jack, it is the output for the magnetic pickups only.

BATTERY HOLDER

The system is powered by one standard 9-volt battery, which should give 150 to 200 hours of operation. The battery is turned on when either jack socket is used. Be sure to remove all jacks after use to conserve battery life.

Removal of the battery holder will reveal six micro-adjustable pots inside the guitar. Using a mini phillips-head screwdriver, these pots can be used to adjust the balance of each string relative to the others. The system is balanced at the PRS factory for optimum performance, and no further adjustment should be necessary unless you make major changes in string gauge. We recommend you refer adjustments to a qualified guitar tech.

BRIDGE

The PRS/LR Baggs piezo bridge is fully adjustable for height and intonation in the normal manner. The bridge can be removed, if necessary, as follows:

For Stoptail Bridge: Remove the strings. Undo the two large height adjustment bolts on either side of the bridge. Pull the black connector of the ribbon cable to remove from the bottom of the bridge. Reverse the procedure to replace the bridge.

For Tremolo Bridge: Remove control backplate. Pull the ribbon cable from the circuitboard and un-lace it from the strain relief slots. Remove the strings. Remove tremolo claw springs. Remove the 6 knife edge screws. Feed the ribbon cable through the wire channel as you remove the bridge from the top. Reverse the procedure to replace the bridge.

For the best possible performance from your new PRS guitar, always use PRS strings, guitar polish and guitar cleaner. You can find them at any PRS dealer and online at our website, www.prsguitars.com. Enjoy.