



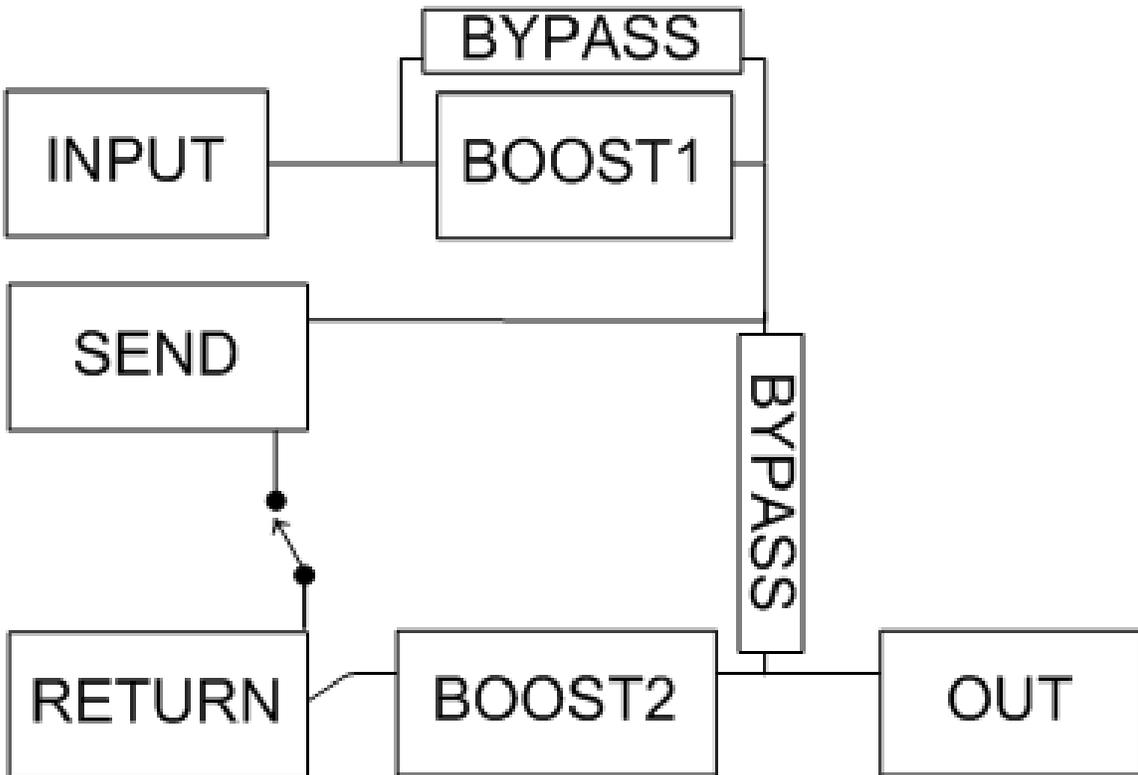
- Amps That Sing -

PB3B

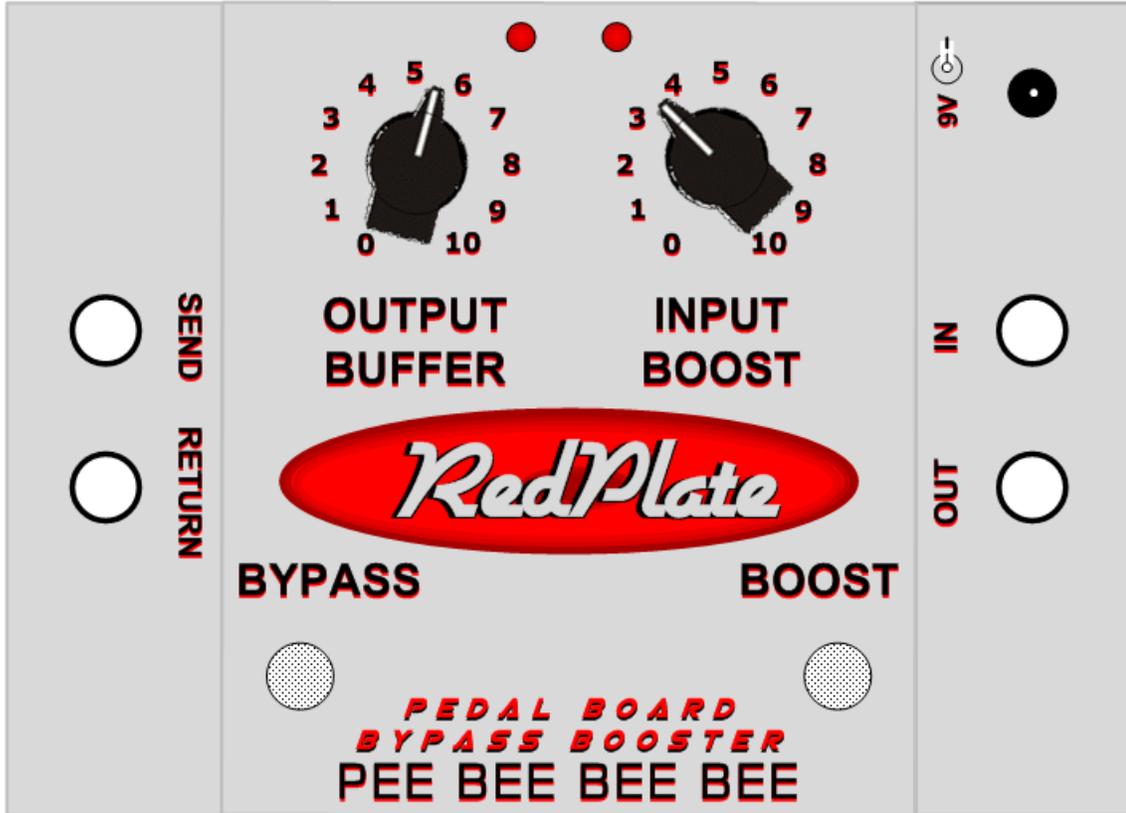
Operations Manual

Welcome to the RedPlate Family, thank you for your purchase of a RedPlate PB3B (Pedal Board Bypass Booster). Please take a moment and review this manual for an understanding of all the available features (or just connect to the guitar and amplifier and play). This Manual applies to PB3B models produced after 09/01/2011.

Signal Path Block Diagram:



PANEL:



Input Jack – Connects directly to your instrument or another effect unit’s output.

Output Jack – Connects to your amplifier or another effect unit’s input.

Send Jack – Connects to the input of the effects unit that needs to be “true bypassed”. Can also be used as a send to your tuner or another amplifier.

Return Jack – Connects to effects unit’s output. No connection makes the PBBB act as a dual boost.

Input Boost Level – Sets the amount of gain when using Boost 1.

Output Buffer Level – Sets the output signal level of the PBBB when not in Bypass mode.

Boost Footswitch – Toggles the Boost1 to on or skipped.

Bypass Footswitch – Toggles the Output Buffer (Boost 2) to on or bypass. Bypass also skips the Send and Return jacks so the effect(s) connected are true bypassed.

TYPICAL OPERATION

The main purpose of the PBBB is to provide a way to “true bypass” effects in your pedal chain that suck tone. Let’s say you have a wah and a fuzz that are both crappy digital pedals that change your tone even when not active. Connect the PBBB send jack to the wah’s input, the output of the wah into the fuzz’s input, and the output of the fuzz into the return jack. For songs that do not need those devices you can step on the Bypass Footswitch and remove them from the signal path and it’s like you’re plugged straight into your amplifier. Of course you can also improve the effectiveness of those example pedals by engaging the Boost and sending a hotter signal out to them. If you also have some quality effects that you want to keep out of the PBBB’s loop you can place them before the PBBB input or after the PBBB’s output. Hint: Always best to keep effects that are time based like chorus, flange, echo, reverb etc. located last in the chain (better yet in the amplifiers effects loop).

DUAL BOOST OPERATION

If nothing is plugged into the Return Jack, the signal will pass through the Send and Return and feed the Output Buffer (Boost2). Each one of the footswitches will turn on their respective Boost and you will notice each Boost is voiced differently. Boost 1 is warmer and can add some character to your clean tone. Boost2 (Output Buffer) is clean and adds a hint of brightness. You can use Boost1 set to a high level and Boost 2 set low to get a rudimentary overdrive effect. The Bypass footswitch will cause the signal to skip Boost2.

POWER OPTIONS

1. The PBBB operates at 9 volts DC. Almost any pedal power supply will connect to the PBBB's DC input jack (negative center). The unit will also run on a 9 volt battery. The battery is located under the bottom plate. Remove the 4 screws to gain access. The battery is not active when the DC jack is in use and also not active until something is plugged into the input jack.

MAINTENANCE SECTION

Your PBBB amp has been designed for years of trouble free operation. The top of the PBBB has a protective finish that can be easily scratched with abrasives so always use a damp soft cloth to clean it

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Thanks again for joining the RedPlate Family – Henry