GuitarPCB Present

NostalgiTone PlexAmp Single

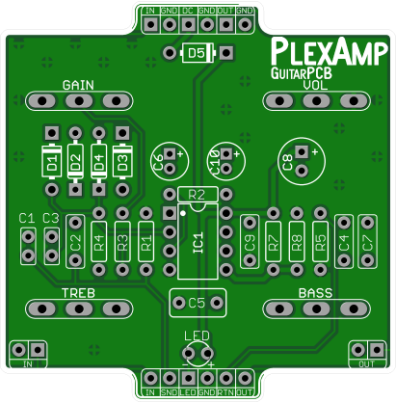
Are you ready to elevate your game? The **NostalgiTone PlexAmp** is here to give you the ultimate sonic experience.

> **PLexAmp**: Immerse yourself in the PlexAmp amplifier tone, meticulously crafted to emulate the legendary 1962 Marshall JTM sound. Whether inspired by the timeless tones of Hendrix, Jeff Beck, Gary Moore, or AC/DC, PlexAmp's versatile Gain range and powerful Bass and Treble shaping controls provide all the sonic flexibility you need. Dialing back the Gain offers a subtle bluesy breakup while cranking it up delivers a mid-forward roar reminiscent of the "High Voltage" era of AC/DC.

🔌 Easy Wiring: No more daunting wiring hassles! Say hello to beauty under the hood. Enjoy all-analog tones with modern features that will slip into your gig bag, ensuring you are always ready to unleash your musical magic.

🛠️ Available Components: We recognize the hurdles of component availability. Rest assured, we've carefully selected components for the **NostalgiTone** series currently available from today's popular vendors.

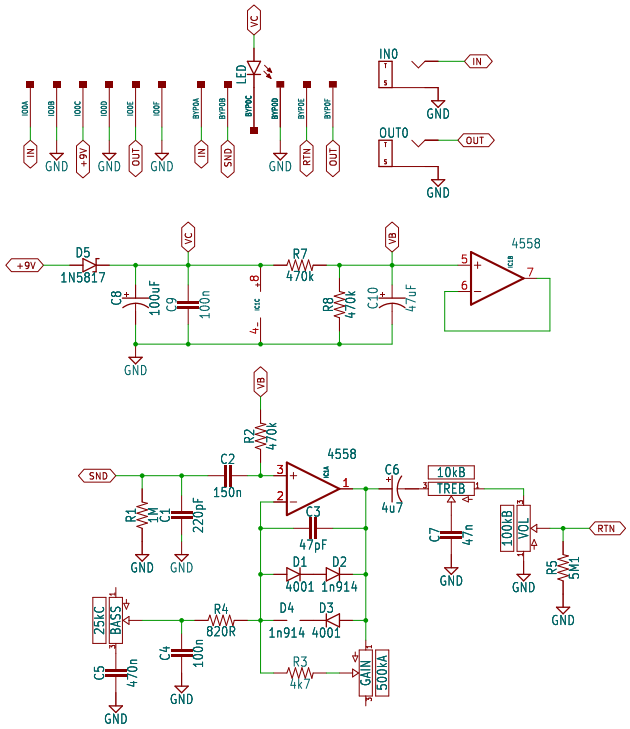
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



Mainboard Dimensions – 2.10" x 2.12"

Included with each PCB purchase. – (1) Mainboard, (1) wiring board, and (1) ribbon cable.

Schematic:



Bill of Materials:

Part	Value	Part	Value	Part	Value	Part	Value
R1	1M	C1	220pF	C9	100n	D1	1N4001
R2	470k	C2	150n	C10	47uF	D2	1N914
R3	4k7	C3	47pF	VOL	B100K	D3	1N4001
R4	820R	C4	100n	GAIN	A500K	D4	1N914
R5	5M1	C5	470n	BASS	C25K	D5	1N5817
R7	470k	C6	4u7	TREB	B10K		
R8	470k	C7	47n			LED	Status
		C8	100uF	IC1	4558	* CLR x1	1k8-4k7

Build Notes:

Bass POT: In place of the C25K pot, a C20K pot may be used since potentiometers have a wide tolerance. A W taper is also suitable, as it combines C taper behavior for the first half of its rotation and A taper for the second.

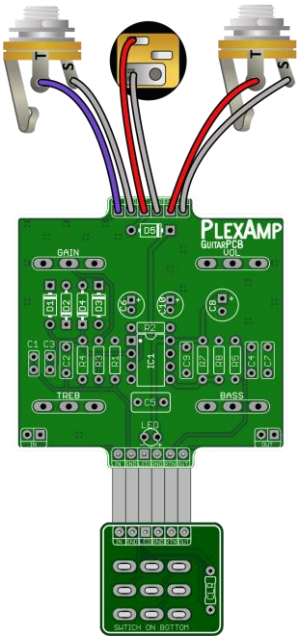
Included with the purchase of the main PCB board will be (1) standard foot switch wiring board (6 pins), and (1) 6 pin ribbon cable. This simplifies the wiring process while keeping troubleshooting and noise to a minimum.

Note the extra IN / Out pads located at the bottom of the PCB which are conveniently placed if you wish to use side jacks.

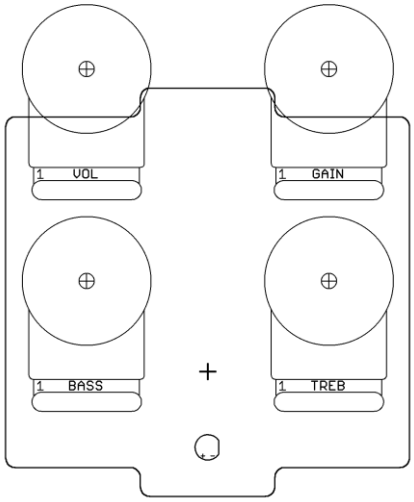
Use a standard 6-pin ribbon cable to connect the foot switch wiring board with the main board. The 3PDT wiring board contains an onboard (CLR) current limiting resistor. This is to protect and adjust the brightness of their corresponding main board status LEDs. A value of 1k8 to 4k7 may be used.

*** CLR x1** - Each wiring board requires an onboard (CLR) current limiting resistor. This is for the main board status LEDs. A 1k8 (Bright) value to 4k7 (Dim) may be used. A main Status LED is to show the active status.

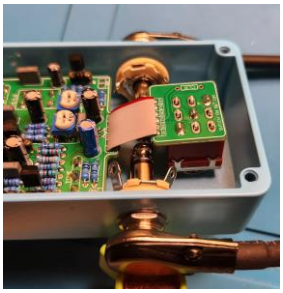
Wiring Diagram



Generic Drill Template



When using 1590B enclosures, it is best to mount the ribbon cable on top of the main board/3PDT wiring board instead of underneath. The compact enclosure restricts space for the side jack Input and Output plugs.



The full-size drill templates for 125B and 1590B enclosures are on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.

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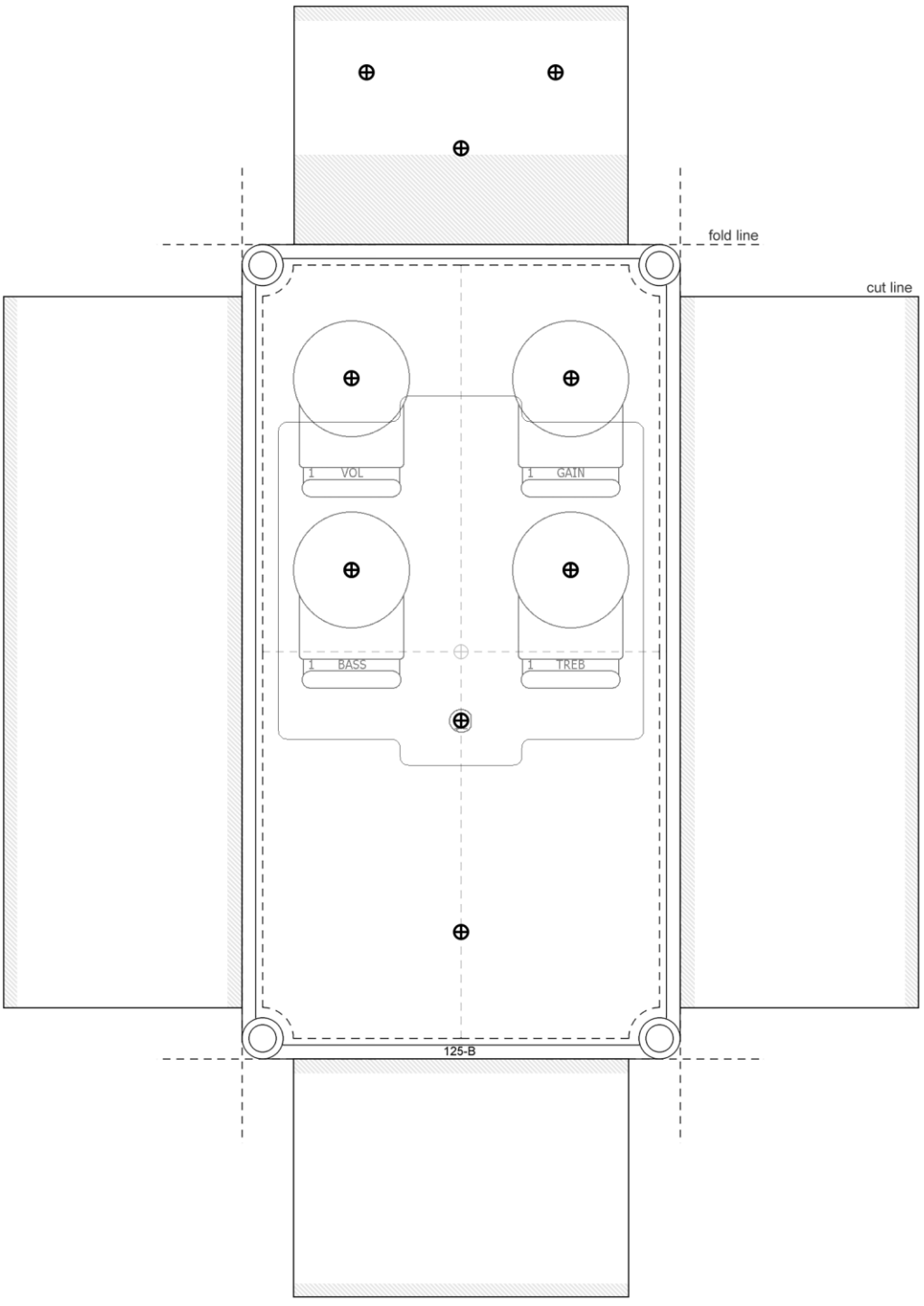
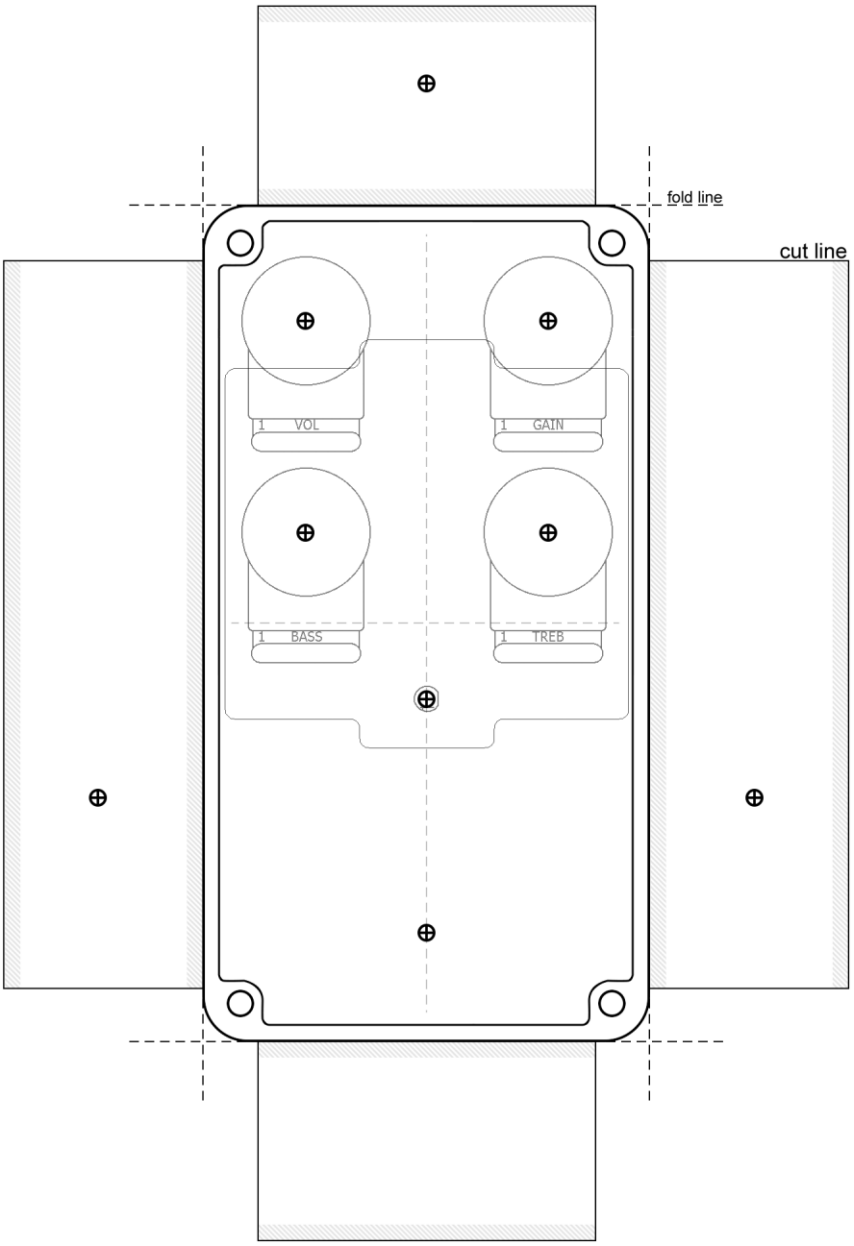


125B Drill Template



1590B Drill Template