GuitarPCB Present

NostalgiTone BRIT-800 Single

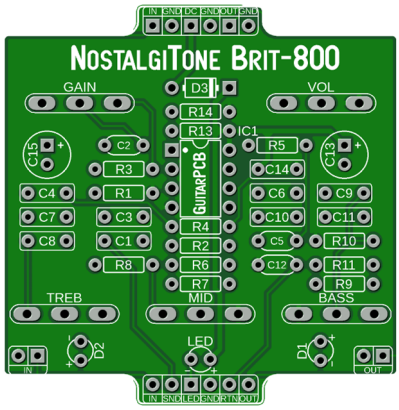
Are you ready to elevate your game? The **NostalgiTone BRIT-800** is here to give you the ultimate sonic experience.

> **BRIT-800**: A fan of 80s Metal? The **BRIT-800** is inspired by the Marshall circuit they designed to emulate the legendary JCM800 amplifier that defined an era. This circuit offers a wide range of saturated distortion and hot-rodded British tones, all with precise control over **Level**, **Gain**, **Bass**, **Middle**, and **Treble**—perfect for shaping your own distinctive sound.

🔌 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.

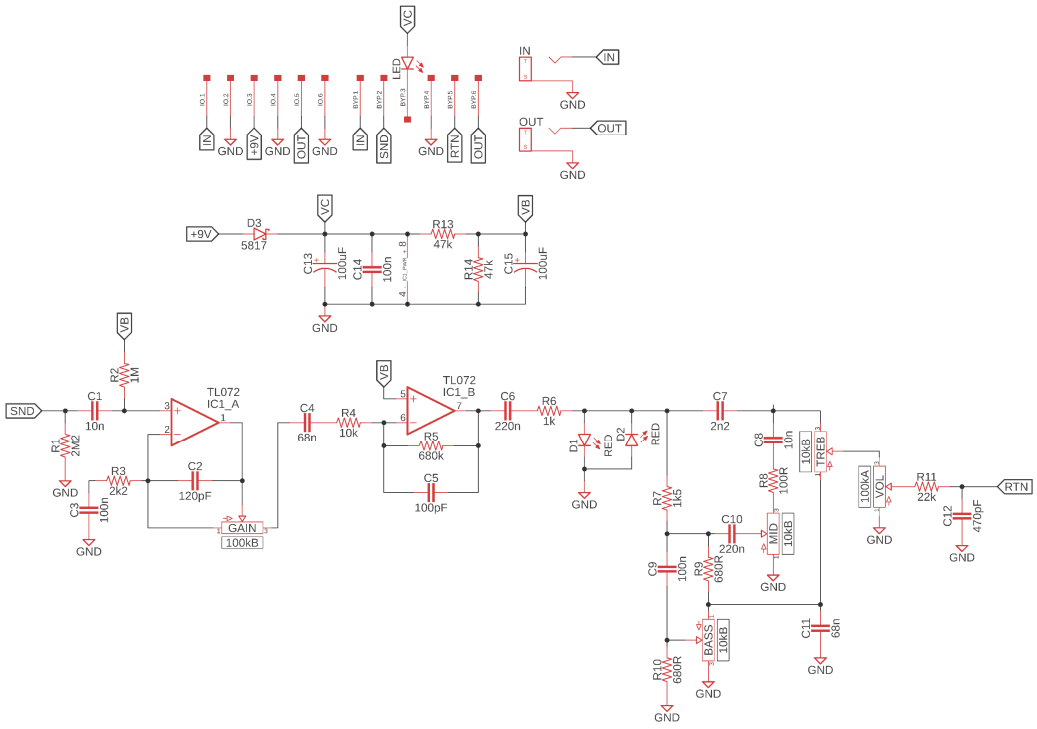
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



Mainboard Dimensions – 2.10" x 2.12" – Perfectly sized for a 1590B or 125B enclosure

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	2M2	R11	22k	C7	2n2	IC1	TL072
R2	1M	R13	47k	C8	10n	LED	Status
R3	2k2	R14	47k	C9	100n	D1 - D2	RED
R4	10k			C10	220n	D3	1N5817
R5	680k	C1	10n	C11	68n	*CLR x1	1k8 - 4k7
R6	1k	C2	120pF	C12	470pF	VOL	100kA
R7	1k5	C3	100n	C13	100uF	GAIN	100kB
R8	100R	C4	68n	C14	100n	BASS	10kB
R9	680R	C5	100pF	C15	100uF	MID	10kB
R10	680R	C6	220n			TREB	10kB

Part Notation: There is no R12 in this circuit.

Build Notes:

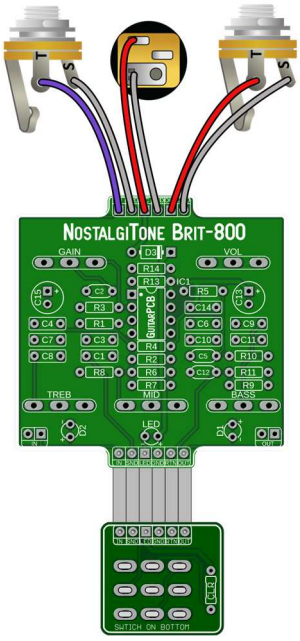
Included with the purchase of the main PCB board will be (1) standard foot switch wiring board (6 pins), and (1) 6 pin ribbon cable. This simplifies the wiring process while keeping troubleshooting and noise to a minimum.

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

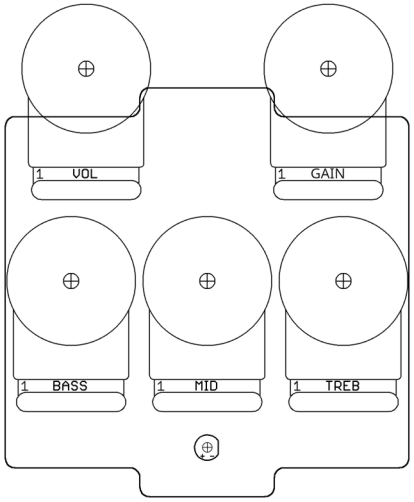
Use a standard 6-pin ribbon cable to connect the foot switch wiring board with the main board. The 3PDT wiring board contains an onboard (CLR) current limiting resistor. This is to protect and adjust the brightness of their corresponding main board status LEDs. A value of 1k8 to 4k7 may be used.

* LED mounting: A main Status LED is to show the active status. You must use a 1k8 (Bright) to 4k7 (Dim) CLR mounted on the wiring board.

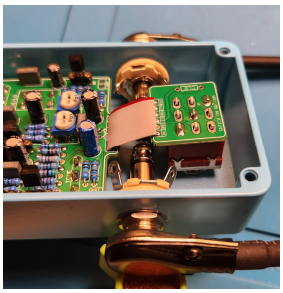
Wiring Diagram



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. This is because the enclosure's compact size restricts space for the side jack Input and Output plugs.



The full-size drill templates for 125B and 1590B enclosures can be found 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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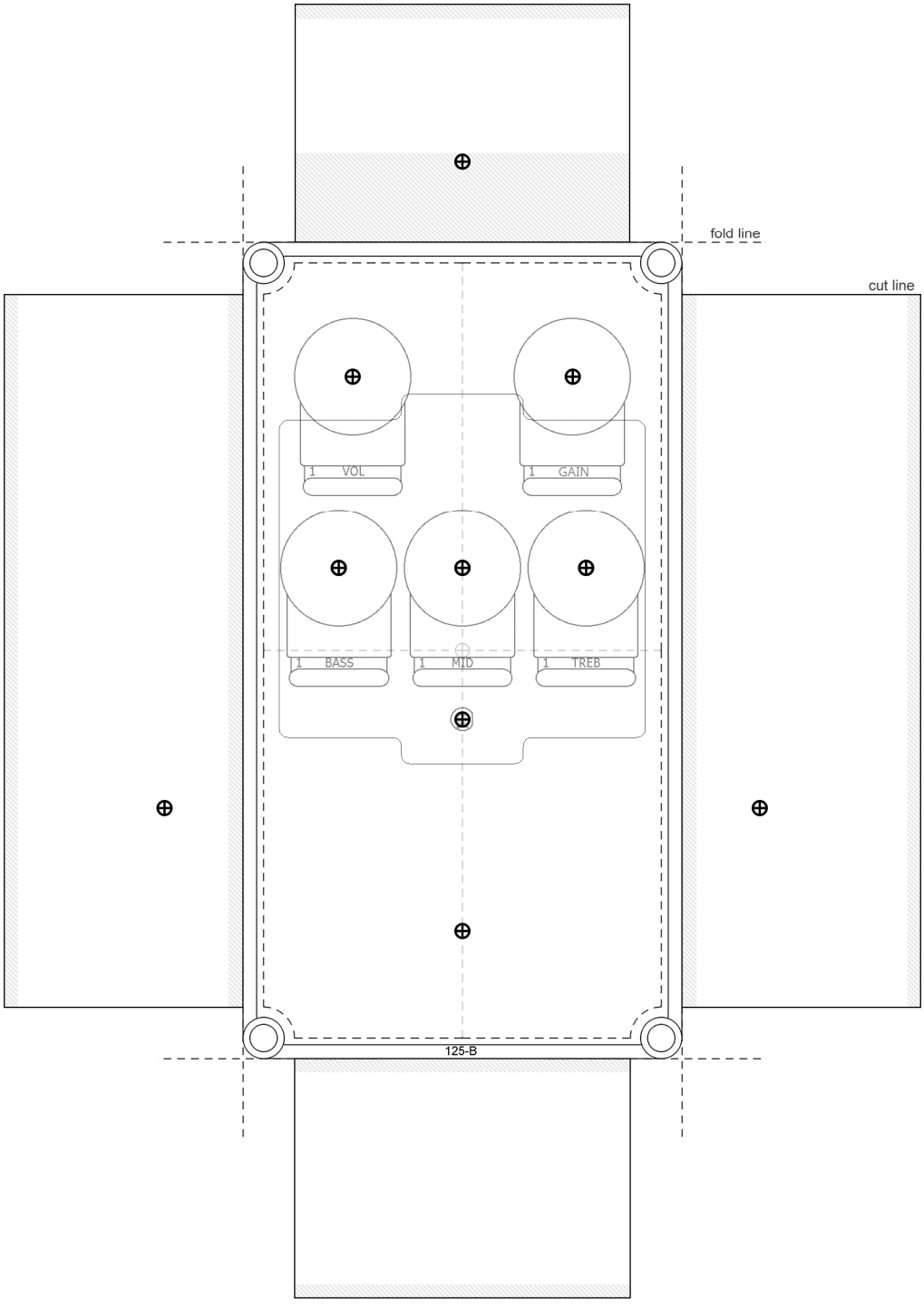
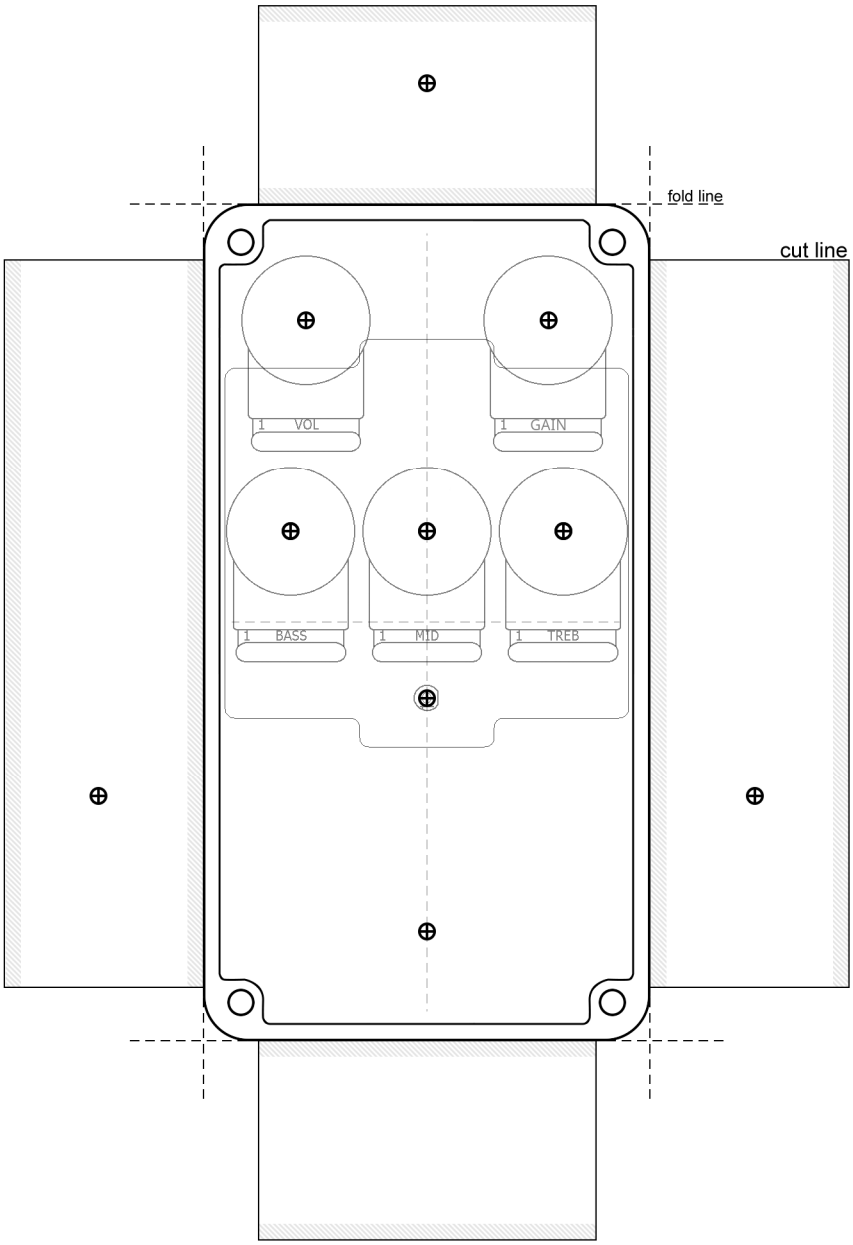


125B Drill Template



1590B Drill Template