
GuitarPCB Presents

NostalgiTone Spring Reverb Single

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

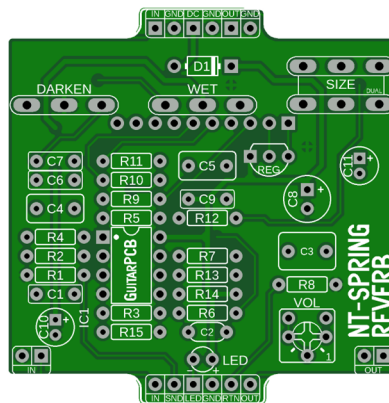
NostalgiTone Spring Reverb: The Reverb circuit is crafted to deliver rich, spring-inspired tones using the BTDR-3H Brick. Unlike standard DSP-based reverb modules, this circuit excels in capturing the warmth and character of traditional spring reverb, offering superior sound quality. This allows musicians to blend this classic reverb with modern, dynamic effects for a versatile and unique sound experience.

This **NostalgiTone Spring Reverb** is simply the best available featuring an overall Volume set and forget trimmer.

🔧 **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.

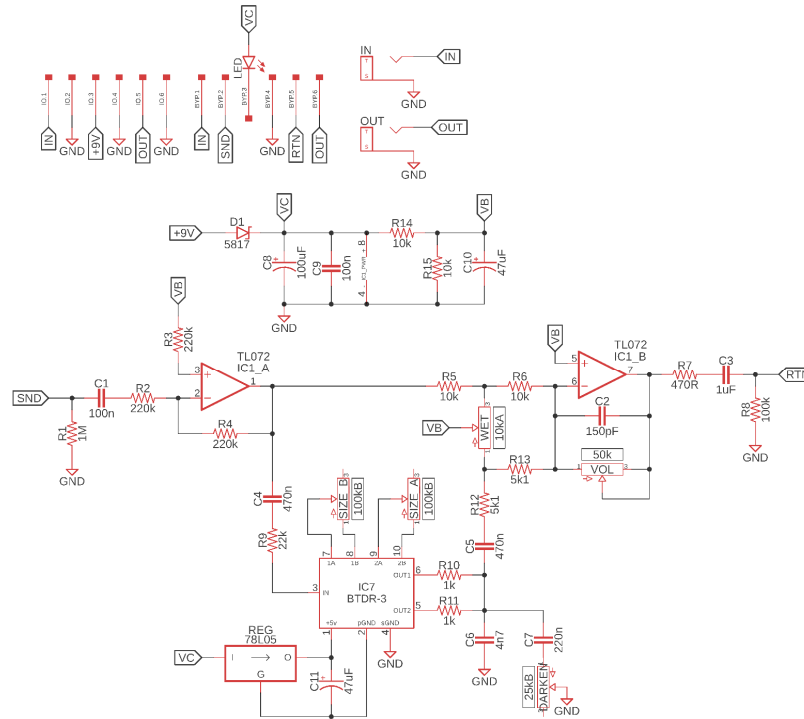
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



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	1M	R11	1k	C5	470n	REG	L78L05
R2	220k	R12	5k1	C6	4n7		
R3	220k	R13	5k1	C7	220n	D1	1N5817
R4	220k	R14	10k	C8	100uF	WET	A10K
R5	10k	R15	10k	C9	100n	SIZE	B100K
R6	10k			C10	47uF	DARKEN	B25K
R7	470R	C1	100n	C11	47uF	VOL	Trimmer 50k
R8	100k	C2	150pF				
R9	22k	C3	1uF				
R10	1k	C4	470n	IC1	TL072	LED	Status
				IC7	BTDR-3	* CLR x1	1k8 - 4k7

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.

Note: There is only IC1 and IC7. There is nothing in between.

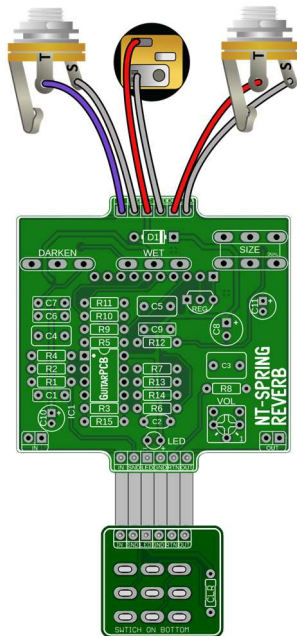
VOL – This is an overall Volume set and forget trimpot.

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

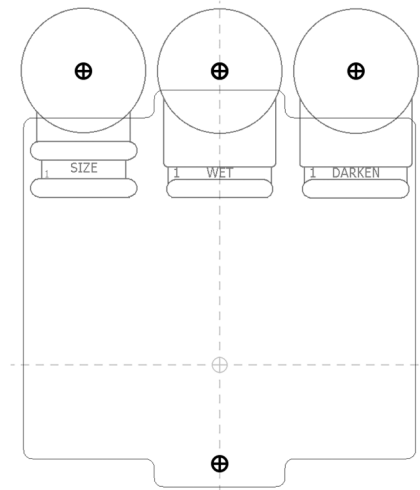
Use a standard 6-pin ribbon cable to connect the foot switch wiring board with the main board. The 3PDT wiring board contains an onboard (CLR) current limiting resistor. This is to adjust the brightness of the corresponding main board status LEDs. A value of 1k8 to 4k7 may be used.

*** CLR x1** - Each wiring board requires an onboard (CLR) current limiting resistor. This is for the main board status LED.

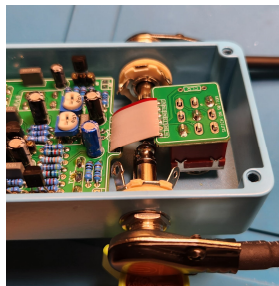
Wiring Diagram



Generic Drill Template



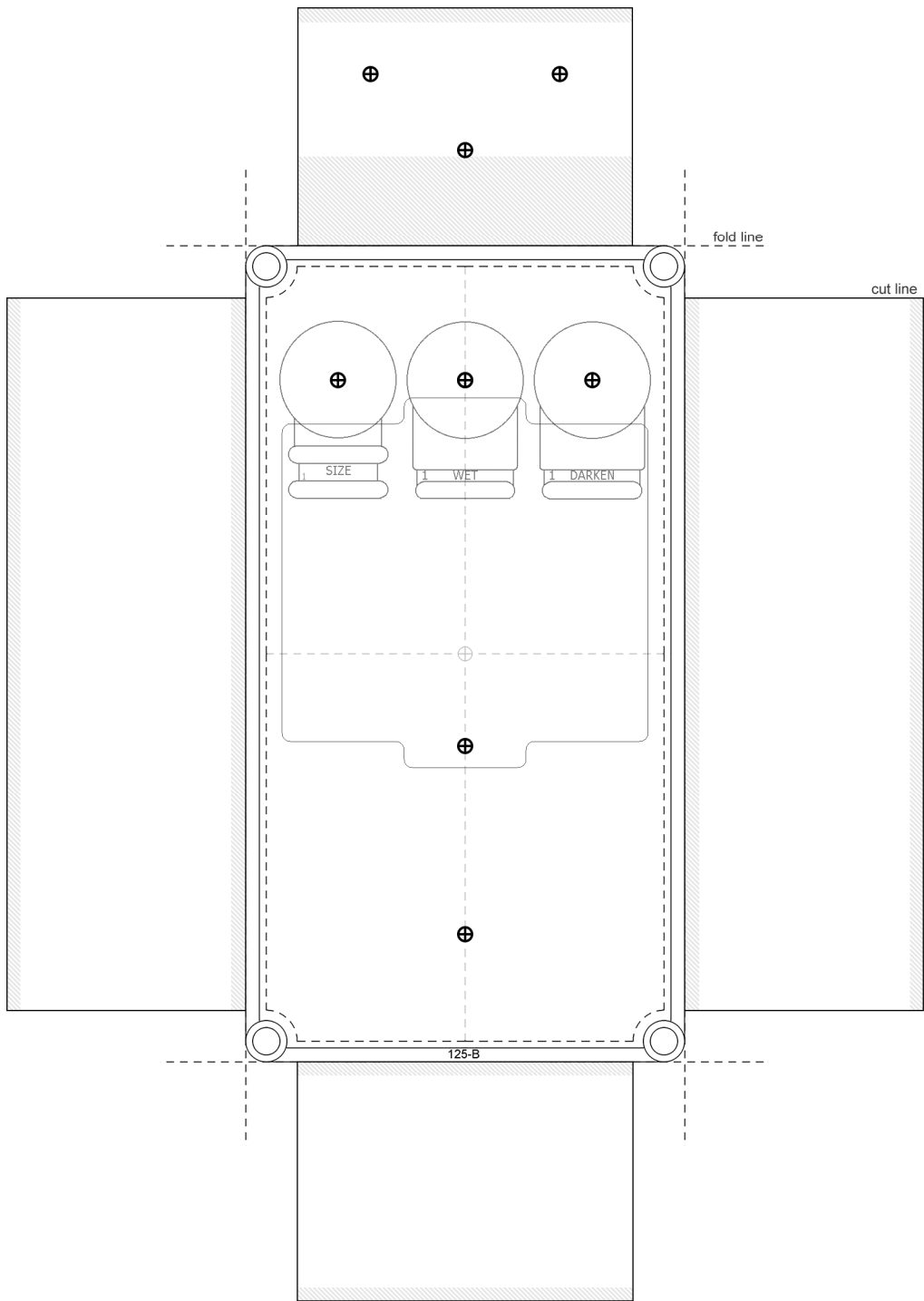
When using 1590B enclosures, it is best to mount the ribbon cable on top of the main board/3PDT wiring board instead of underneath. This is because the enclosure's compact size restricts space for the side jack Input and Output plugs.



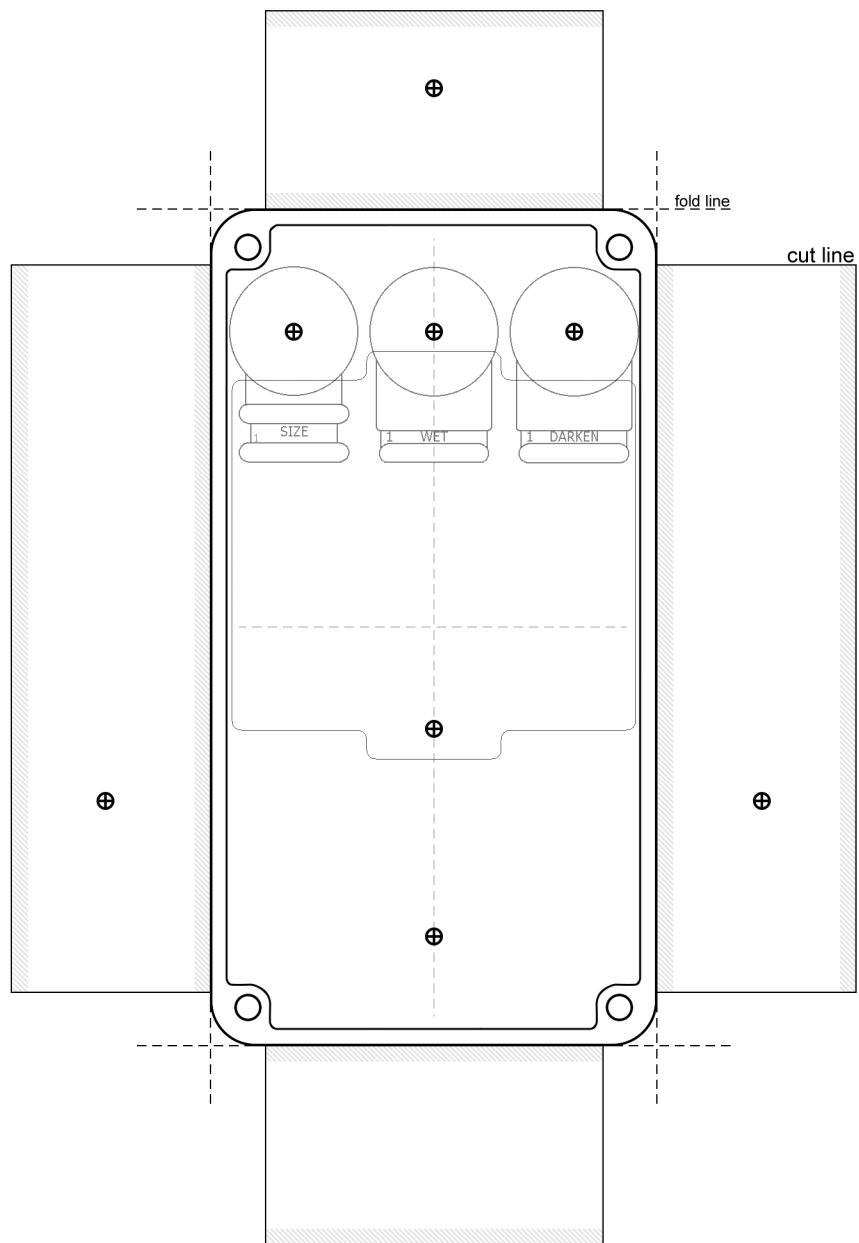
The full-size drill templates for 125B and 1590B enclosures can be found on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.



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125B Drill Template



1590B Drill Template