
GuitarPCB Present

NostalgiTone WattAMP Single

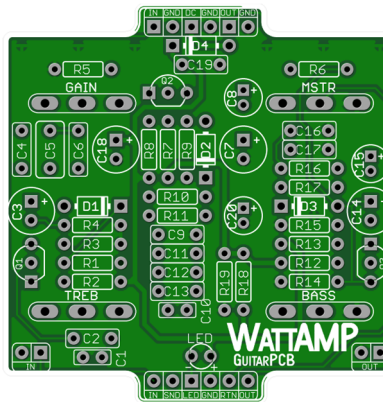
Are you ready to elevate your game? The **NostalgiTone WattAMP** is here to give you the ultimate sonic experience.

WattAmp: Experience the magic of early '70s Arena Rock with the WattAmp circuit – your gateway to authentic tube amp tones! The WattAmp captures the robust, high-headroom clarity of Hiwatt amps, as well as delivering rich overdrive tones without needing excessive volume. With its intuitive controls, you can effortlessly dial in your perfect preamp tone, achieving the unmistakable amplifier sounds that define an era.

🔧 **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.

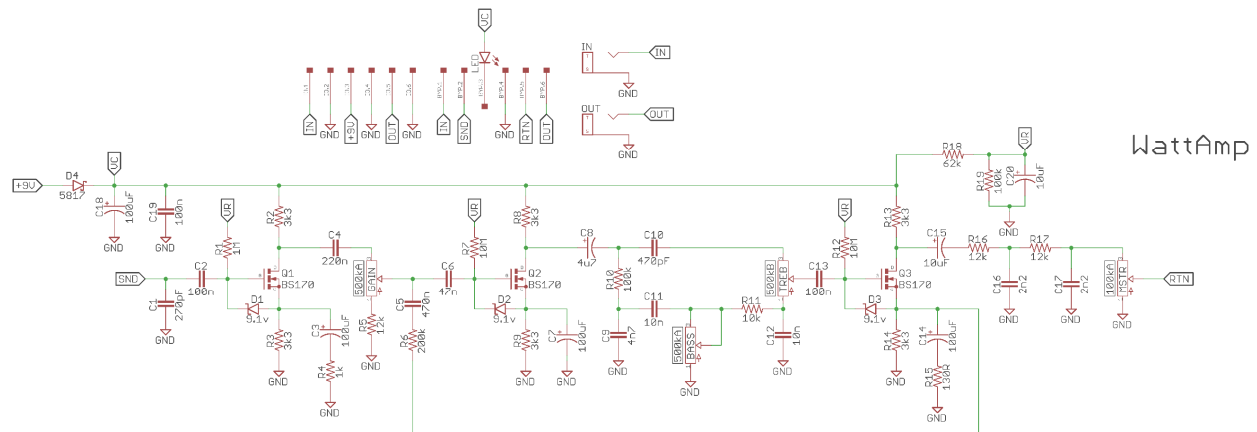
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



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	Part	Value
R1	1M	R11	10k	C1	270pF	C11	10n	Q1 - Q3	BS170
R2	3k3	R12	10M	C2	100n	C12	10n	D1 - D3	1N4739
R3	3k3	R13	3k3	C3	100uF	C13	100n	D4	1N5817
R4	1k	R14	3k3	C4	220n	C14	100uF	LED	Status
R5	12k	R15	130R	C5	470n	C15	10uF	* CLR	1k8 - 4k7
R6	200k	R16	12k	C6	47n	C16	2n2		
R7	10M	R17	12k	C7	100uF	C17	2n2	MSTR	A100K
R8	3k3	R18	62k	C8	4u7	C18	100uF	GAIN	A500K
R9	3k3	R19	100k	C9	4n7	C19	100n	BASS	A500K
R10	100k			C10	470pF	C20	10uF	TREB	B500K

Build Notes:

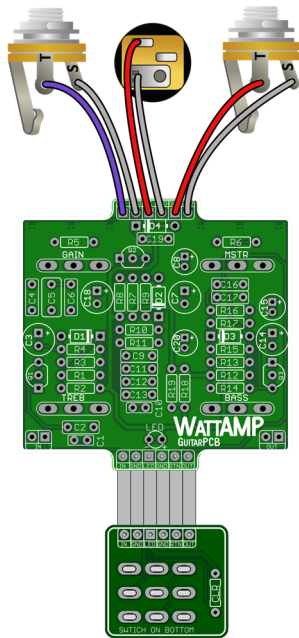
Included with the purchase of the main PCB board will be (1) standard foot switch wiring board (6 pins), and (1) 6 pin ribbon cable. This simplifies the wiring process while keeping troubleshooting and noise to a minimum.

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

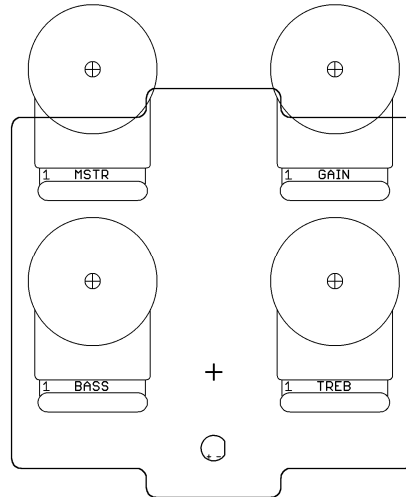
Use a standard 6-pin ribbon cable to connect the foot switch wiring board with the main board. The 3PDT wiring board contains an onboard (CLR) current limiting resistor. This is to protect and adjust the brightness of their corresponding main board status LEDs. A value of 1k8 to 4k7 may be used.

* 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.

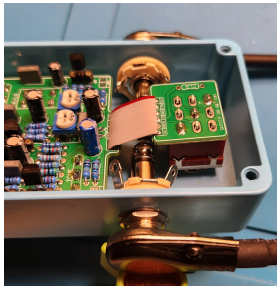
Wiring Diagram



Generic Drill Template



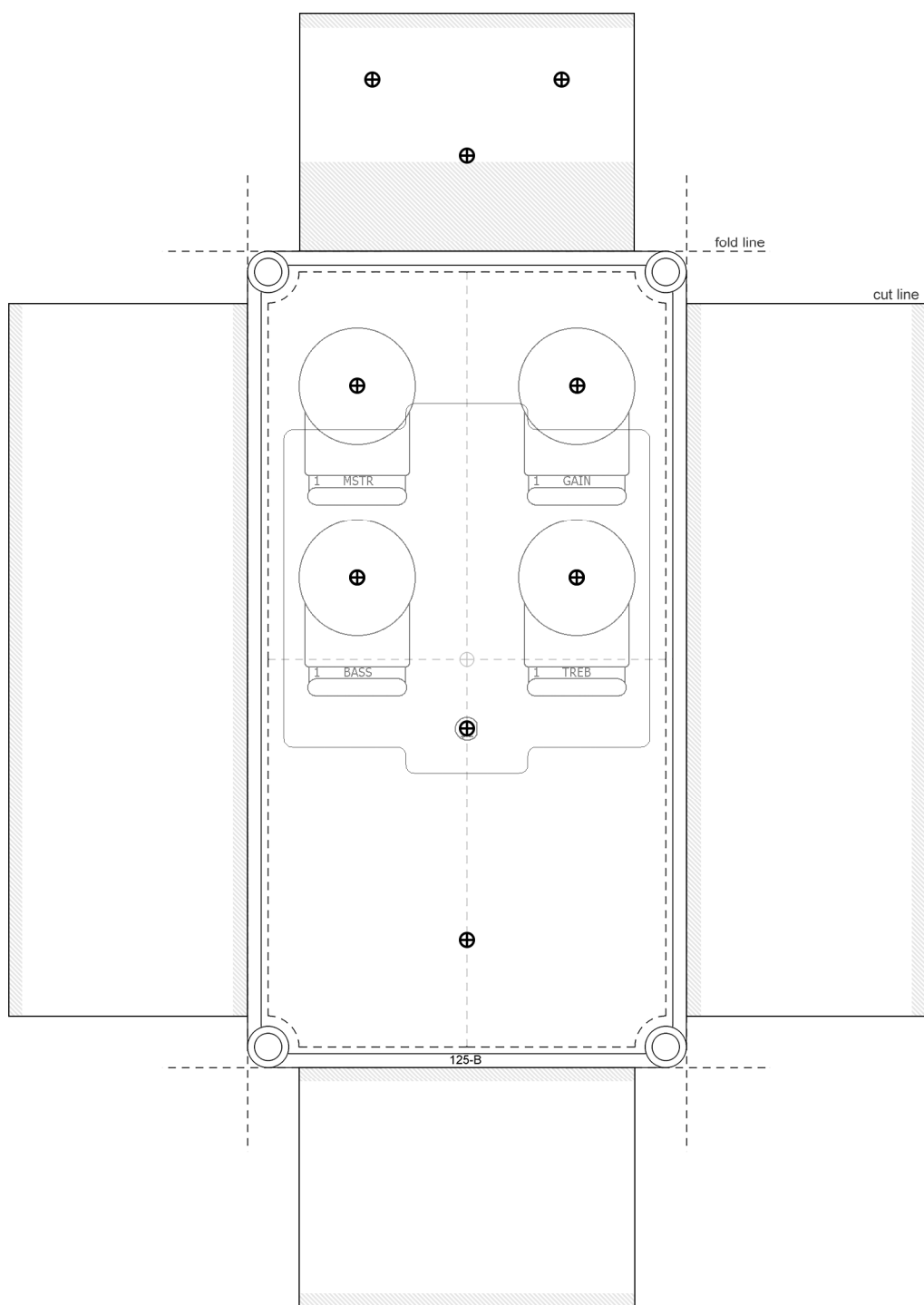
When using 1590B enclosures, it is best to mount the ribbon cable on top of the main board/3PDT wiring board instead of underneath. This is because the enclosure's compact size restricts space for the side jack Input and Output plugs.



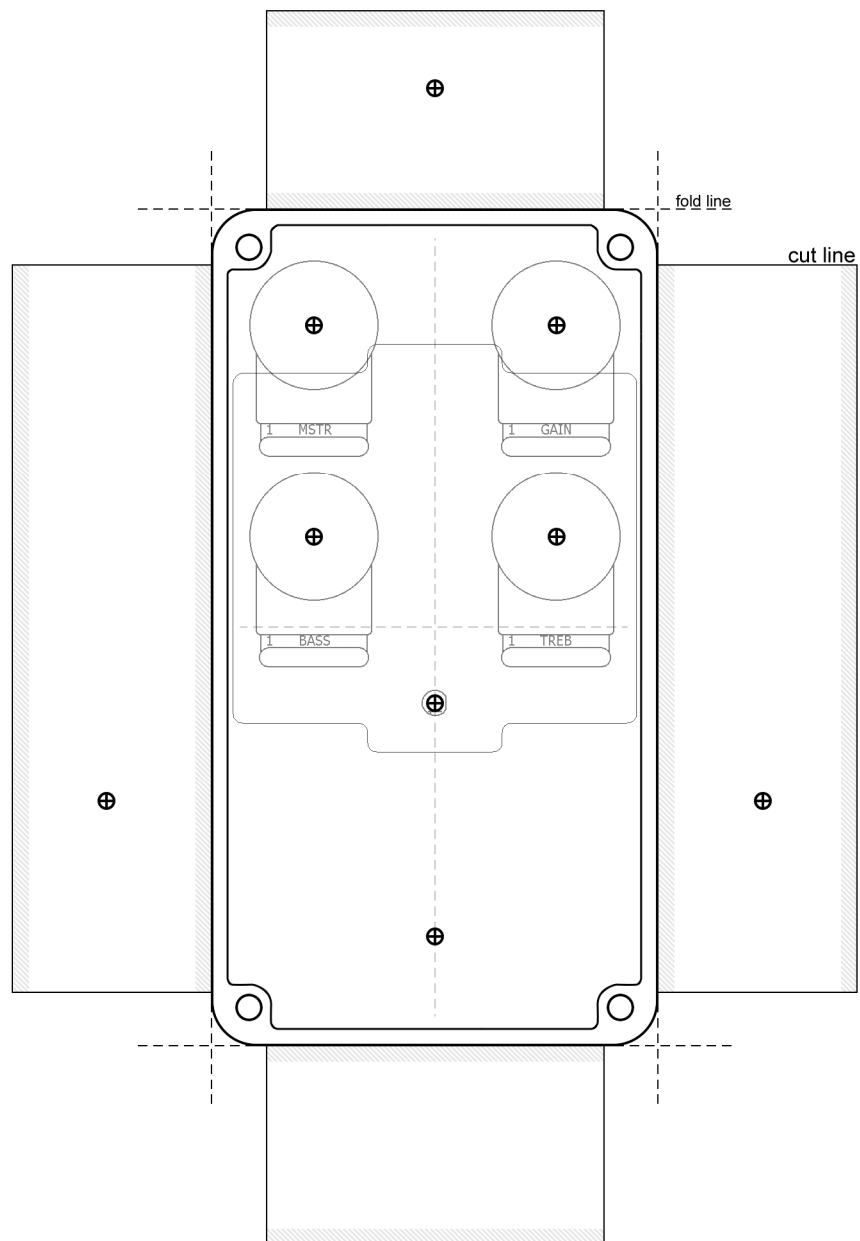
The full-size drill templates for 125B and 1590B enclosures can be found on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.



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125B Drill Template



1590B Drill Template