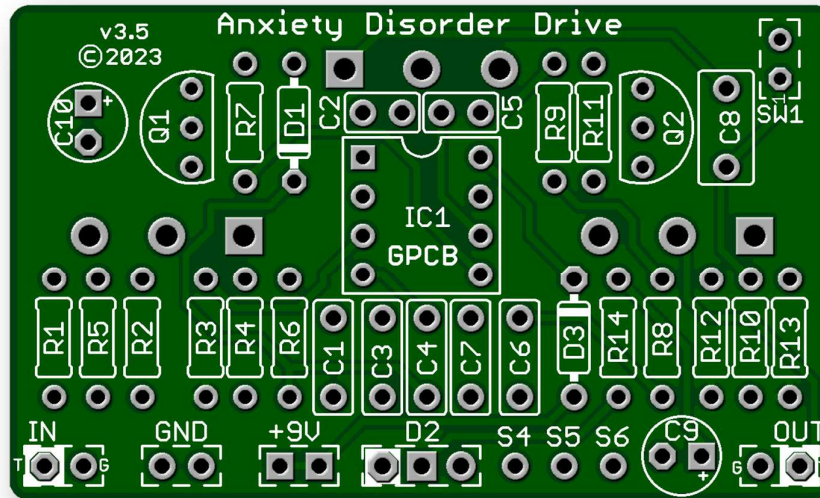


Anxiety Disorder Drive v3.5

Based on the drive with an “obsessive-compulsive disorder” this one will pick you up with its unique clipping arrangement using Mosfet technology. This circuit will yield the sought-after traditional tone of the original v1 or allow you to Mod in some brighter tones if you like.



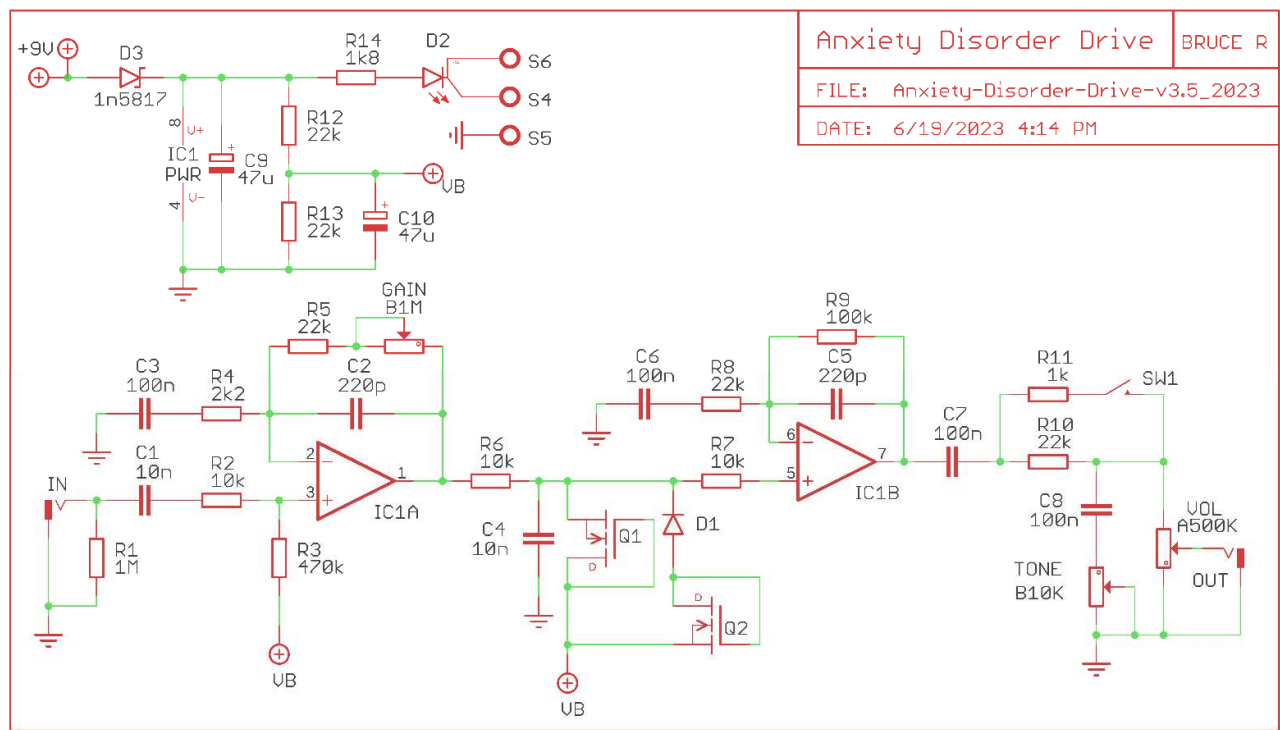
Board Dimensions (W x H) 2.10" x 1.26".

Part	Value	Part	Value	Part	Value	Part	Value
R1	1M	R11	1k	C6	100n	Q1	2N7000
R2	10k	R12	22k	C7	100n	Q2	2N7000
R3	470k	R13	22k	C8	100n		
R4	2k2	R14	1k8	C9	47u	VOL	A500K
R5	22k			C10	47u	GAIN	B1M
R6	10k	C1	10n			TONE	B10K
R7	10k	C2	220p	D1	1N34A/1N60P		
R8	22k	C3	100n	D2	Status LED	IC1	TL072
R9	100k	C4	10n	D3	1N5817		
R10	22k	C5	220p			SW1	SPST

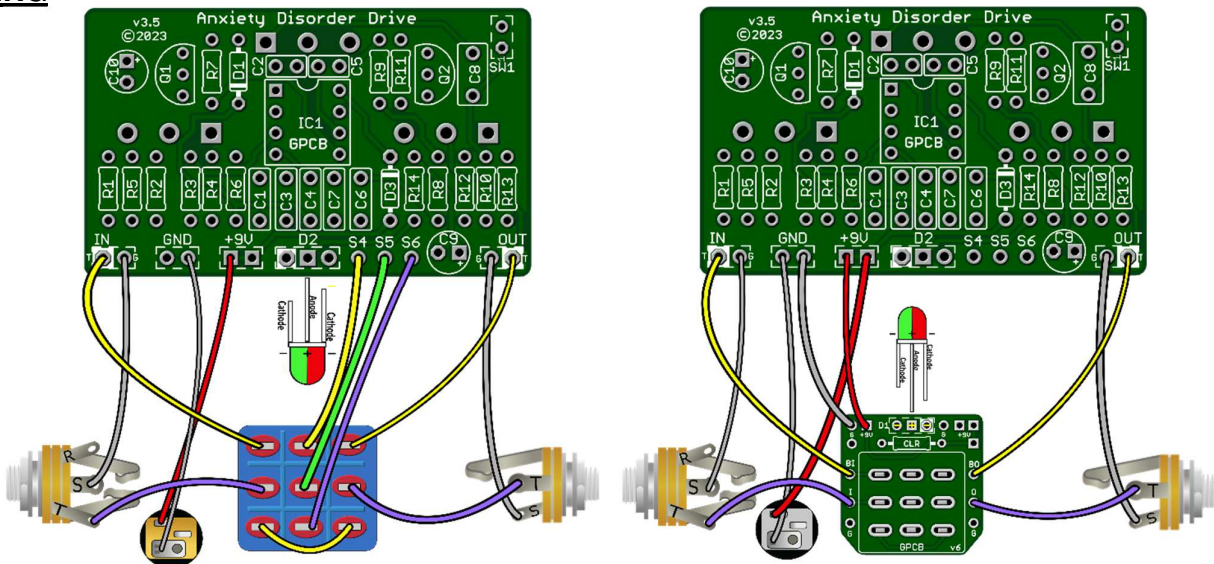
New in v3.5: Updated pads and incorporated the 1N5817 circuit protection diode scheme.

*R14 is the current limiting resistor for the Status LED. The lower the value the brighter the LED. Choose between 1k8 and 4k7.

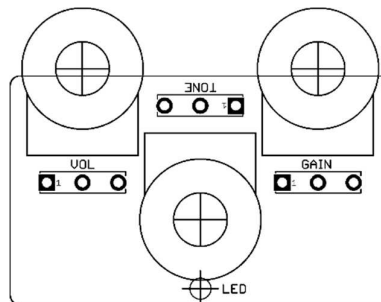
SW1 switch can be an SPDT or SPDT. If using SPDT then simply use either the outer lug and the center lug. SW1 acts as a Boost which can be modified to preference. Mod - Try R10-33k / R11-10k for less boost effect.



WIRING



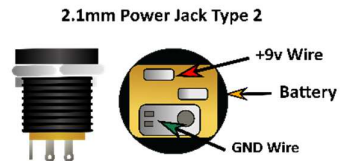
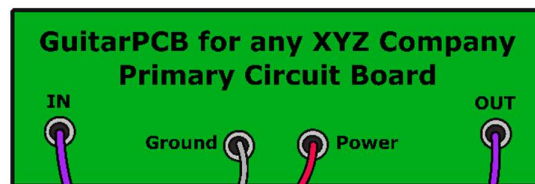
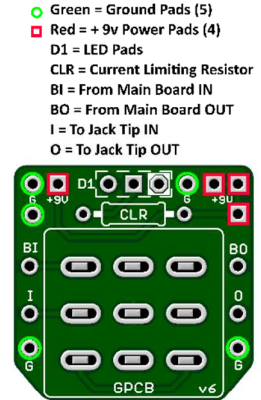
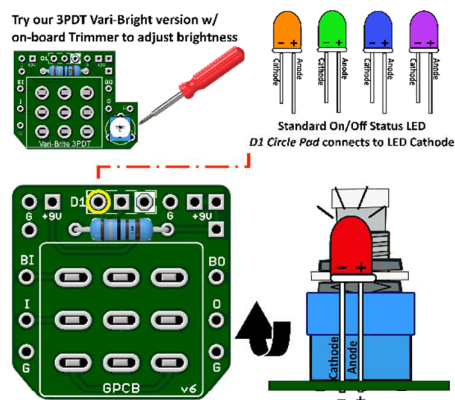
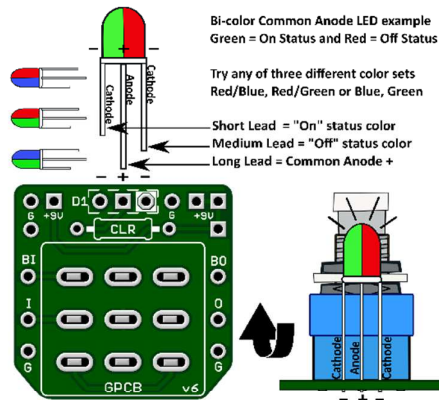
Be sure your In/Out Jack wiring is correct. A Stereo Jack (for battery use only) has a RING lug which is used to connect to the battery ground. If you do not intend to use a battery there is no need for a Stereo Jack. If using Stereo then only use the Tip and Sleeve lugs. S4, S5 & S6 is only needed when the LED is wired to the Main Board. Note: If wiring the LED to our 3PDT board there is no need to connect S4, S5 & S6 or populate D2 and *R14 (CLR) on the main board since you are wiring the LED & CLR (current limiting resistor) directly to our wiring board instead.



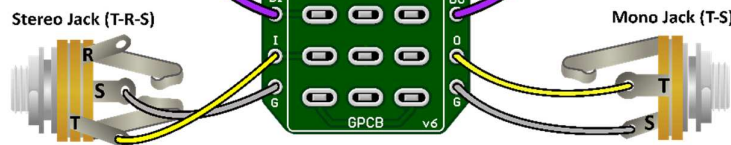
Drilling Template



GuitarPCB Tip Sheet

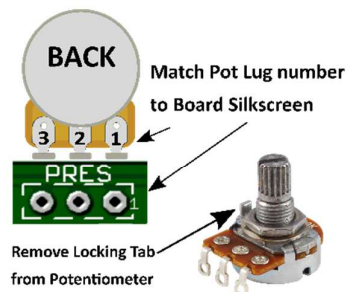


T = Tip
R = Ring
S = Sleeve

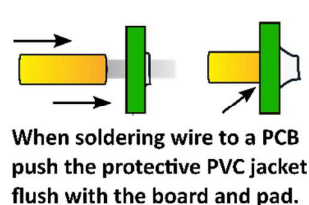
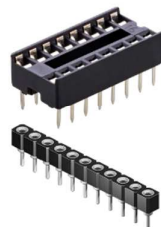


T = Tip
S = Sleeve

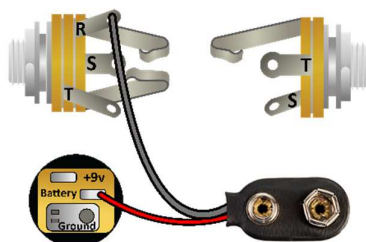
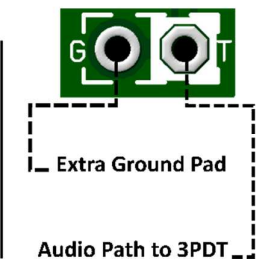
Multiple +9v and Ground Pads are convenient hookup points for additional circuits within the same enclosure. This also allows for diverse wiring schemes to suit individual needs.



Sockets make troubleshooting easier



Main Board IN/OUT Pads



Input/Output Jack Wiring

T = Tip | R = Ring | S = Sleeve

A Stereo Jack is only needed if using a Battery. Otherwise use a Mono Jack
Battery Strap RED wire is connected to Power Jack
Battery Strap Black wire is connected to RING (stereo jack)
If wiring an LED to our 3PDT Wiring Board then S4, S5 & S6 are not needed



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