

**MAINS 120 VAC**

MAINS CHASSIS GROUND

Ground Green

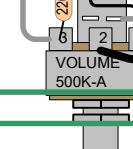
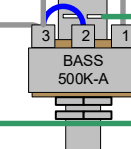
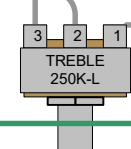
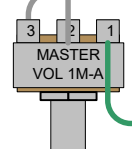
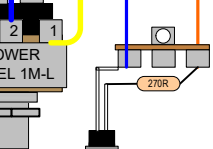
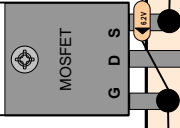
Black - Line / Hot

120V Mains Connect Black to White at IEC

120V Mains Connect Black/Red to White/Red on switch

240V Mains-Connect Black/Red to White Connect mains to Black (N) & White/Red (L)

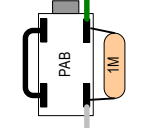
Power Ground



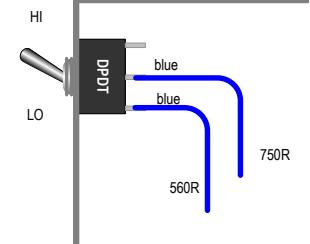
Input Cliff Jack insulated from chassis

**MOD for PAB footswitch**

Pre-amp ground on board



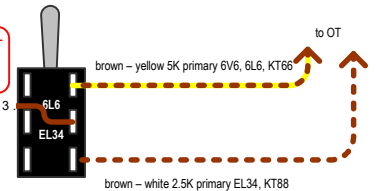
R13 (disconnected from ground & moved to optional PAB eyelet)



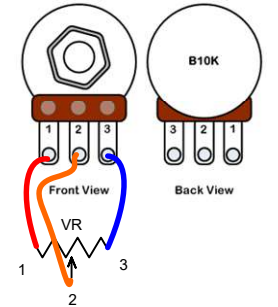
Side View of Bias Switch

**MOD For dual OT impedance switch.** Insulate switch terminals to prevent arcing. Switch not included with kit  
IMPEDANCE SWITCH POSITION  
brown - yellow 5K primary 6V6, 6L6, KT66  
brown - white 2.5K primary EL34, KT88

INSULATE ALL 3 IMPEDANCE SWITCH TERMINALS



**POTENTIOMETER PINOUTS**



**HARDWARE**

- 4-40 X5/16" screw - attach sockets, pre-ground, FET, terminal strips with nuts
- 6-32 X 3/8" screw - power ground with lock nut
- 6-32 X 1" + stand-off - screw into chassis, install stand-off & nut to mount board
- 8-32 x 3/8" screw - Mount OT, PT, mains ground with locknuts
- 10-32 X 1" - attach chassis to cabinet, with lock washer & washer

REV.	DESCRIPTION	DATE	BY
1	Initial drawing	07/16/09	SC
5	added fat/thin - impedance/EL6	04/19/10	SC
6	revised VRM layout; bias res	05/05/10	SC
7	Updated as first prod version	05/24/10	SC
8	Updated per first prod version	06/03/10	SC
9	Bass Ground moved	06/20/10	SC
10	grid resistor move to pin 2 & shielded cable added on input	09/20/10	SC
11	1M moved to other side of .1 cap changed ref. V1-6 to 1.7V updated 220K res to 12AX7, flipped filter caps	03/25/11	SC
12	reversed 220K res to 12AX7, moved MV ground to input jack ground	06/25/11	SC
13	reversed 220K res to 12AX7, moved LED; removed 1-220K 2W	10/25/11	SC
14	colour coded wires	01/2/12	SC
15	Updated for new Power Transformer	8May13	SC
16	Updated for new chassis	25Jun13	SC
17	Changed VRM low limit res. To 220K	01/5/14	SC
21	Added PAB Mod	25Nov16	SC
22	Added IEC mains connection	29Nov16	SC
23	Change pin 8 to pin 3 on EL34 Mod	8Dec16	SC
24	Update output jack positions	23Dec16	SC
25	Updated for new Power Transformer	23Nov18	SC
26	Updated for new chassis	7Jun18	SC
27	Updated Bias Switch	26Jun19	SC
28	Updated Dual Impedance Switch	13May20	SC

**Notes**

1. Voltages Measured in Tweed Mode with B+ @ 400V using 6V6 Tube
2. For lowest noise, or if noise occurs at max. gain settings, use shielded cable from board to V1 330K; from MV wiper to V2 pin 6 (6V6); from 8 ohm tap to 22K feedback resistor. Ground shield at closest component ground.

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# Trinity Amps

## Tramp

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	SHEET	2 OF 30