

**MAINS**  
120 VAC

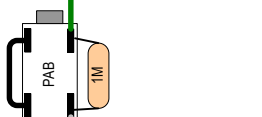
MAINS CHASSIS  
GROUND

Power Ground

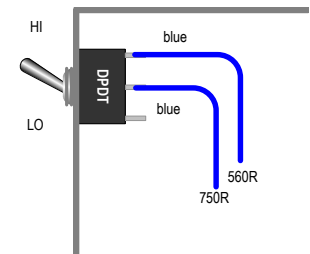
Impedance Switch

**MOD for PAB**  
footswitch

Pre-amp  
ground on  
board

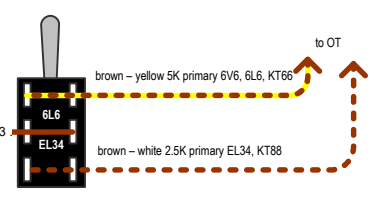


R13  
(disconnected from ground &  
moved to optional PAB eyelet)

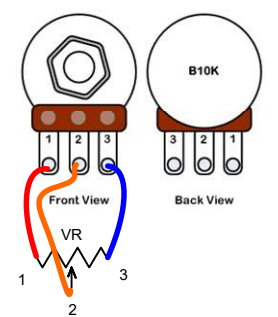


Side View of Bias Switch

**MOD**  
for dual OT impedance  
switch. Note: Connect across both  
switch terminals . DPDT not included  
with kit



**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	03/25/11	SC
12	updated 220K res to 12AX7		
13	flipped filter caps	06/25/11	SC
13	reversed 220K res to 12AX7	10/25/11	SC
14	moved MV ground to input jack ground	01/2/12	SC
15	moved LED; removed 1-220K 2W	8May13	SC
16	colour coded wires	25Jun13	SC
17	Changed VRM low limit res. To 220K	01/15/14	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

**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 28