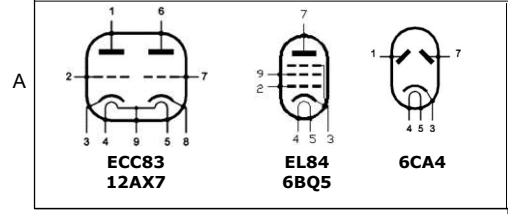
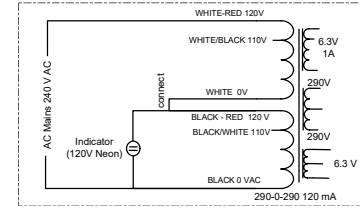


Notes
 1. Resistors - 1/2 watt carbon composition except as noted
 2. Input 68K & 1M are 1W Carbon Film
 3. 0.01 & 0.02 Coupling Caps Sizo or Mallory 150
 4. Metal oxide resistors thru power supply, plates & on the power tube screens.

⚡ these grounds tied to chassis separate from pre-amp.



To Fatten the TMB Channel Tone
 1. Change C1 to 0.022uF
 2. Change C2 to 2.2uF -OR- change R5 to 2.7K -OR- both
 3. Change R11 to 33K
 4. Change VR5 to 500K-A or 250K-A to give the bass control more useful range
Normal Channel
 Increase Gain: 820R ohm R27; 50uF C16; 250K R6. Reduce Gain: 2.2k R27, remove C16; 100K R6.

There are several places to adjust gain and tone in the sIII circuit and each of them do it in a different way and to different effect. You may find you only need one of them, a few of them, all of them, or none of them.
To Increase Gain on TMB Channel
 1. Remove R8; 2. Change VR1 to 1M-A
 3. Change R9 to any value between 470R and 2.7K-lower values = more gain
 4. Bypass R9 with a cap between 0.68uF and 47uF. Higher values = more bass
 5. Increase R4 to 250K; 6. Increase R7 to 250K
 7. You may need to change VR7 to 250K-A or 100K-A to keep the PI from overloading from the increased gain

Rev.	Date	Reason
1	06/21/05	first issue with s2
2	07/6/05	added all tone stack info
3	08/12/05	changed VR4 & VR6 to linear
4	08/18/05	added notes; moved OT CT to B+
5	10/16/05	modified grounding pre/pwr
6	10/28/05	updated potentiometer values
7	12/23/05	changed C17 from 470 to 500pf
8	14/05/06	renumbered resistor R28 from R23
9	18/05/08	modified Bass control connections
10	21/10/12	updated notes added
11	1/04/13	updated PI schematic
12	25/05/13	changed mains to 220-240
13	14 Nov'18	New PT Hook-Up SC

Trinity Amps

sIII 18 Watt

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	SHEET	1 OF 66