

**CALIBRATION PROCEDURE**

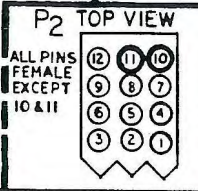
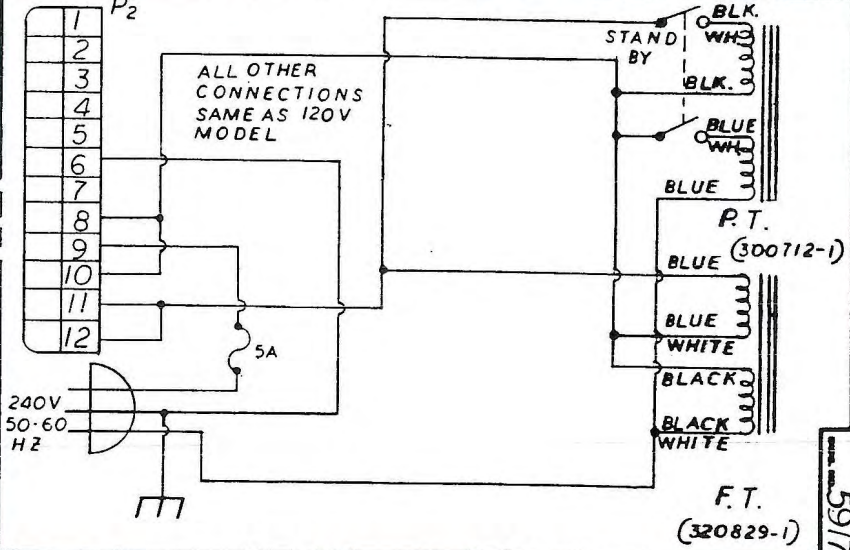
- CONNECT A 4 OHM LOAD RESISTOR\* TO J4.
- OUTPUT STAGE HAS CURRENT ADJUSTMENT. (THE HAS CAN BE ADJUSTED BY REMOVING THE HEAD CABINET RAFFLE. USE A LONG ROD AND TAP THE RAFFLE FREE FROM THE HEADLOCK RETAINERS. GAIN ACCESS FROM THE REAR OF THE CABINET BY USING THE SPACE AVAILABLE THROUGH THE COOLING FAN BLADES.)
  - ADJUST VR<sub>1</sub> FOR 1.075 VOLTS D.C. BETWEEN K<sub>1</sub> AND GROUND.
  - ADJUST VR<sub>2</sub> FOR ZERO ±.01 VOLTS BETWEEN K<sub>1</sub> AND K<sub>2</sub>.
- PHASE INVERTER BALANCE CONTROL AND ADJUSTMENT.
  - HARMONIC DISTORTION METER METHOD. DRIVE AMPLIFIER TO 15 VOLTS R.M.S. CUT AT 40 HZ AND CONNECT DISTORTION METER TO LOAD RESISTOR ADJUST VR<sub>3</sub> FOR MINIMUM DISTORTION.
  - VOLT METER METHOD. ADJUST OUTPUT AS IN STEP 3-A AND CONNECT D.C. VOLT METER BETWEEN TEST POINTS K<sub>1</sub> & K<sub>2</sub>. ADJUST VR<sub>3</sub> FOR ZERO ±.01 VOLTS.

\* THE LOAD RESISTOR SHOULD BE ABLE TO DISSIPATE THE FULL POWER OF THE AMPLIFIER, OR 330 WATTS.

**NOTES:**

- ALL RESISTORS 1/2 W 10% UNLESS OTHERWISE SPECIFIED.
- ALL CAPACITORS IN MFD. & 400 V UNLESS OTHERWISE SPECIFIED.
- D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED USING AN ELECTRONIC VOLT METER.
- NUMBERS IN PARENTHESIS REFER TO MFR'S PART NO.
- A.C. VOLTAGES ARE INDICATED WITHIN BOXES.
- CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.

NOTE: DC VOLTAGES FOR V<sub>1</sub> ARE APPROXIMATE AND MAY VARY WITH APPLICATION.



7x10 <sup>1</sup> / <sub>16</sub>	591720-3
7x10 <sup>1</sup> / <sub>16</sub>	591720-2
7x10 <sup>1</sup> / <sub>16</sub>	591720-1
RED. SIZE	PART NO.

REVISIONS:  
 1. CHANGE PINS 3 & 8 EXCHANGED TO ELIMINATE GROUND LOOP. R53 ADDED. ECN-3370 (1-1-75)  
 2. CHANGE PINS 3 & 8 EXCHANGED TO ELIMINATE GROUND LOOP. R53 ADDED. ECN-3370 (1-1-75)  
 3. CHANGE PINS 3 & 8 EXCHANGED TO ELIMINATE GROUND LOOP. R53 ADDED. ECN-3370 (1-1-75)

**ADDITIONAL SPECIFICATIONS**

**MATERIAL**

**FINISH**

**TOLERANCES UNLESS OTHERWISE SPECIFIED**

DECIMALS	± TOL.	FRACTIONS	± TOL.
.X	.000	UP TO 6	1/64
.XX	.000	6 TO 24	1/32
.XXX	.010	ABOVE 24	1/16

THREADS - CLASS 2 CONCENTRICITY .010 I.D.R.  
 MACHINE FINISHES FIT AFTER PLATING .010 I.D.R.  
 ANGULAR TOL. ± 1/2°  
 DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED ON DRAWING  
 DO NOT SCALE DRAWING

**THE AMPEG COMPANY**

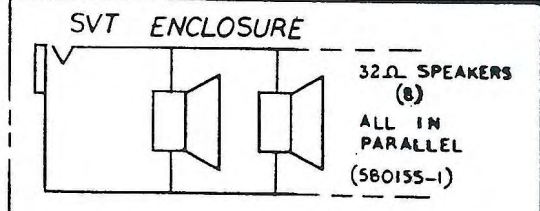
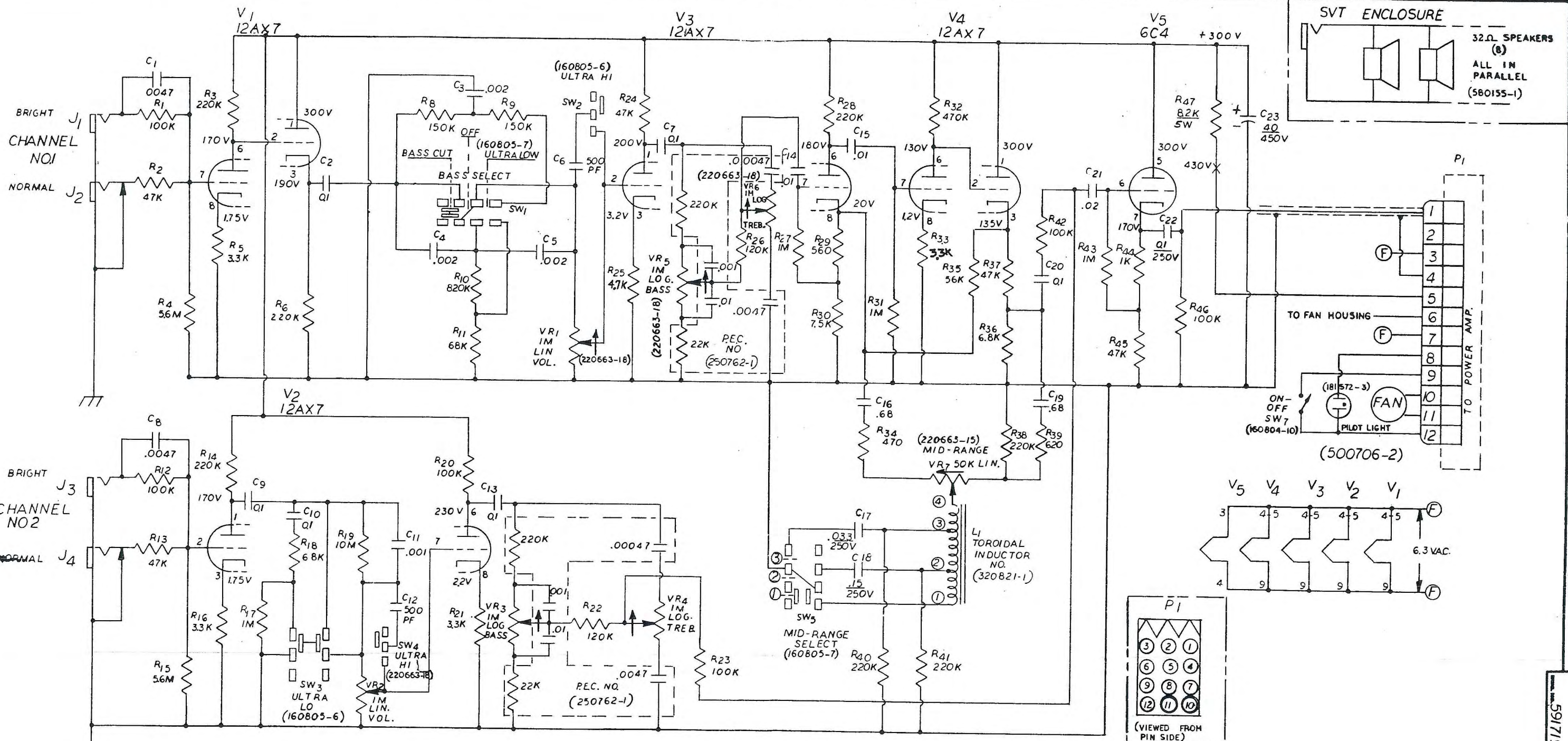
**SVT POWER AMP SCHEMATIC**

SIGNATURE: *V. Reister* DATE: 5-27-74  
 CHECKED: *J. Humber* DATE: 11-11-74  
 ENG. DATE: 5-20-82

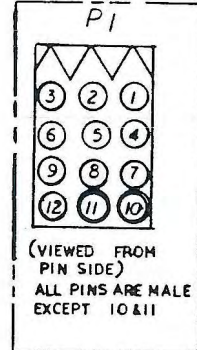
THIS MATERIAL IS THE PROPERTY OF, AND PROPRIETARY TO, THE MAGNAVOX COMPANY AND IS NOT TO BE DISCLOSED TO OTHERS OR USED FOR OTHER THAN AUTHORIZED MAGNAVOX PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE MAGNAVOX COMPANY. THIS MATERIAL MUST BE RETURNED TO THE MAGNAVOX COMPANY WHEN THE HOLDER NO LONGER REQUIRES IT FOR AUTHORIZED MAGNAVOX PURPOSES.

SIZE: **D** 591720

A B C D E F G H J K L M N P R S T U



NOTES - ALL RESISTORS IN OHMS  $\pm$  10% UNLESS OTHERWISE SPECIFIED.  
 - ALL CAPACITORS IN MFD & 400 V UNLESS OTHERWISE SPECIFIED.  
 - DC VOLTAGE READINGS WITH NO SIGNAL APPLIED USING A 20,000 OHM PER VOLT VOLTMETER.  
 - NUMBERS IN PARENTHESES REFER TO



7" x 10 1/16"	591719-2
7" x 10 1/16"	591719-1
SIZE	PART NO.

DRAWN, REV. PILOT LIGHT  
 ADDED 06-2 & RED. SIZE  
 ADD SWAPPER ENC. SCH. 01-T  
 ADD SW. PART NUMBERS  
 REVISE P1 SKETCH (REV)  
 PINS #3 & #8 EXCHANGED  
 ECN-9517 12/5/55

ADDITIONAL SPECIFICATIONS		MATERIAL		FINISH	
TOLERANCES - UNLESS OTHERWISE SPECIFIED DECIMALS $\pm$ TOL. FRACTIONS $\pm$ TOL. .3 .050 UP TO 6 1/64 .XX .020 6 TO 24 1/32 .XXX .010 ABOVE 24 1/16 THREADS - CLASS 2 LET. AFTER PLATING MACHINE FINISHES 64 MICRO INCH MAX. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED ON DRAWING. DO NOT SCALE DRAWING					
<b>THE AMPEG COMPANY</b> <b>SVT PRE AMP</b>				SIGNATURE: DR. P. REISHER DATE: 5-7-77 CHECKED: W. H. HANCOCK DATE: 12-8-75 ENG: T. R. ... DATE: 5-20-88	
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