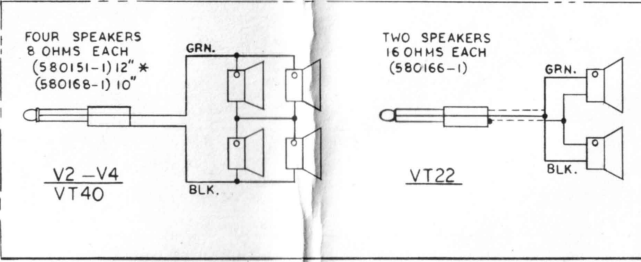


- NOTES:**
1. ALL RESISTORS IN OHMS 1/2W 1% UNLESS OTHERWISE SPECIFIED.
  2. ALL CAPACITORS IN MFD. AND 400V UNLESS OTHERWISE SPECIFIED.
  3. D.C. VOLTAGE READINGS WITH NO SIGNAL APPLIED USING A 20,000 OHM PER VOLT VOLTMETER.
  4. NUMBERS IN PARENTHESES REFER TO MAGNAVOX PART NUMBER.
  5. D.C. VOLTAGE READINGS ARE POSITIVE WITH RESPECT TO CHASSIS GROUND UNLESS OTHERWISE SPECIFIED.
  6. THE TWO 7027 OUTPUT TUBES MAY BE REPLACED WITH 6550 TUBES AT THE CUSTOMER'S OPTION FOR IMPROVED PERFORMANCE.
  7. DO NOT OPERATE AMPLIFIER WITH EITHER OPTOISOLATOR P101 OR P102 REMOVED FROM CIRCUIT AS DAMAGE WILL RESULT TO REMAINING DEVICE.
  8. A.C. VOLTAGES ARE NOTED WITHIN BOXES.
  9. CIRCUIT OF CHASSIS MAY VARY SLIGHTLY FROM THAT SHOWN HERE DUE TO NORMAL PRODUCTION CHANGES.
- \* PARTS INDICATED WITH ASTERISK ARE USED ON V4 AND VT22 MODELS ONLY.



**PARTS LIST:**

SWITCHES	SW 303 & 305	160804-10
SWITCH	SW 302	160805-7
SWITCH	SW 301	160805-8
CONTROL	R103	220668-1
CONTROL	R104, 106, 107	220663-18
CONTROL	R105	220663-17
CONTROL	R108	220663-15
CONTROL	R109	220663-16
INDUCTOR	L1 (800 MH)	361604-3 GREEN
INDUCTOR	L2 (300 MH)	361604-2 ORANGE
INDUCTOR	L3 (100 MH)	361604-1 WHITE
DIODES	D01-208	ALL (1 AMP 1000V) 330555-2

**ADDITIONAL SPECIFICATIONS**

**MATERIAL**

**FINISH**

**THE AMPEG COMPANY**  
DIVISION OF THE MAGNAVOX COMPANY  
P.O. BOX 515 LINDEN, N.J. 07036

**SIGNATURE** DR. L. STROUD  
**DATE** 2-6-76  
**FIRST USED IN ASSEMBLY**

**SCHEMATIC V2 & VT40 (DISTORTION) V4 & VT22**

**SCALE** E-9-76  
**SIZE** D  
**DWG. NO.** 591761

**SIZE** 7 x 10 13/16  
**PART NO.** 591761-1

RELEASED JAN-1947  
2-10-76