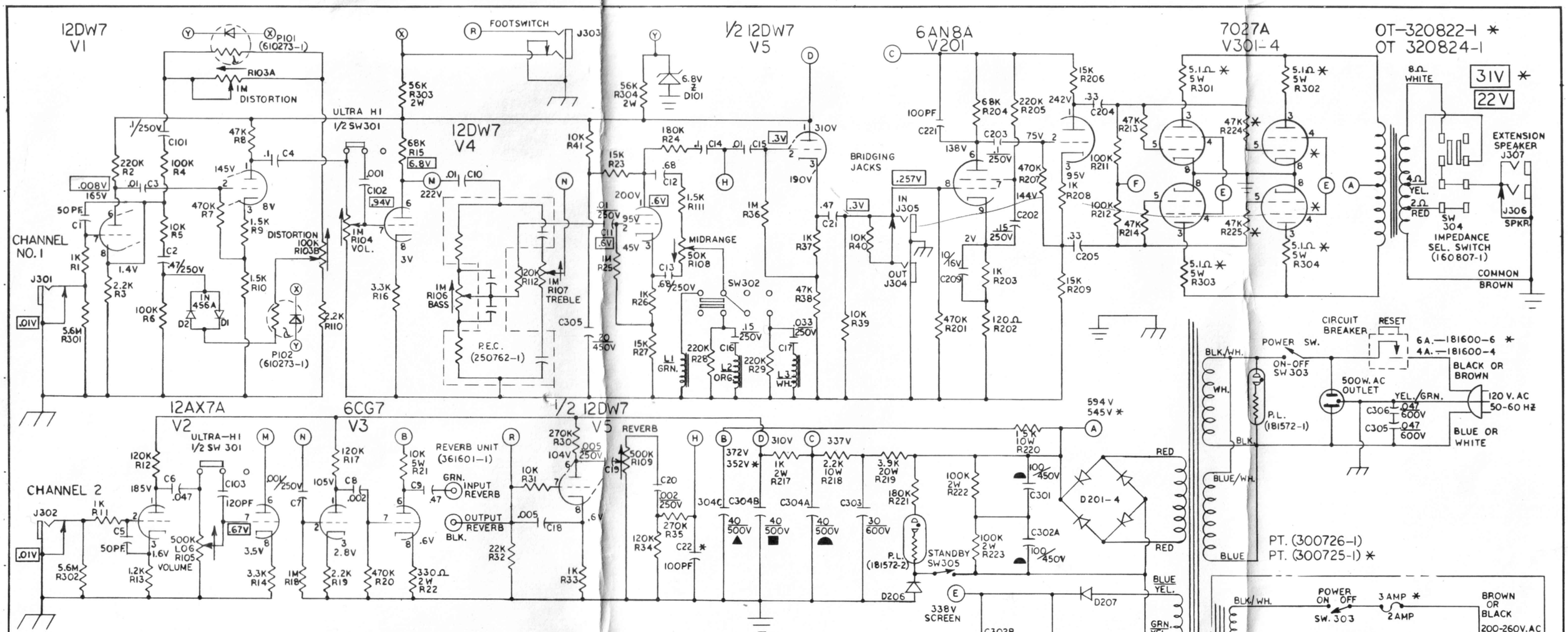
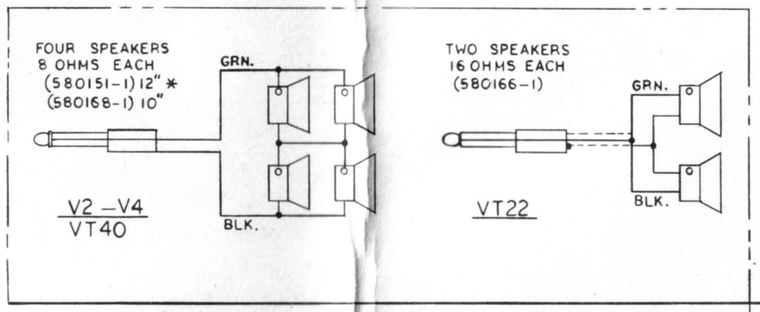


NOTES:

1. ALL RESISTORS IN OHMS 1/2W 10% 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 PARENTHESIS 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	160805-6
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 D201-208	ALL (1 AMP 1000V)	530555-2

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

ADDITIONAL SPECIFICATIONS

MATERIAL

FINISH

— TOLERANCES — UNLESS OTHERWISE SPECIFIED

DECIMALS	± TOL.	FRACTIONS	± TOL.
.X	.030	UP TO 6	1/64
.XX	.020	6 TO 24	1/32
.XXX	.010	ABOVE 24	1/16

THREADS - CLASS 2 FIT AFTER PLATING. CONCENTRICITY .010 T.I.R. MACHINE FINISHES 64 MICRO INCH MAX. ANGULAR TOL. ± 1/2° DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED ON DRAWING.

DO NOT SCALE DRAWING

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

SCHEMATIC (DISTORTION) V2 & VT40 V4 & VT22

	SIGNATURE	DATE
DR.	L. STROUD	2-6-76
CHK.		
ENG.	Robert Hackett	2-9-76

FIRST USED IN ASSEMBLY | FIRST MADE FO... | SCALE

SIZE D | DWG. NO. 591761 | REV. LTR. A

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 ITS USE FOR AUTHORIZED MAGNAVOX PURPOSES.

REVISIONS

A RELEASED AM-1447 2-10-76

591761