

LEFT CHANNEL SHOWN (RIGHT CHANNEL TUBE PINS, WHERE DIFFERENT, ARE IN PARENTHESES)

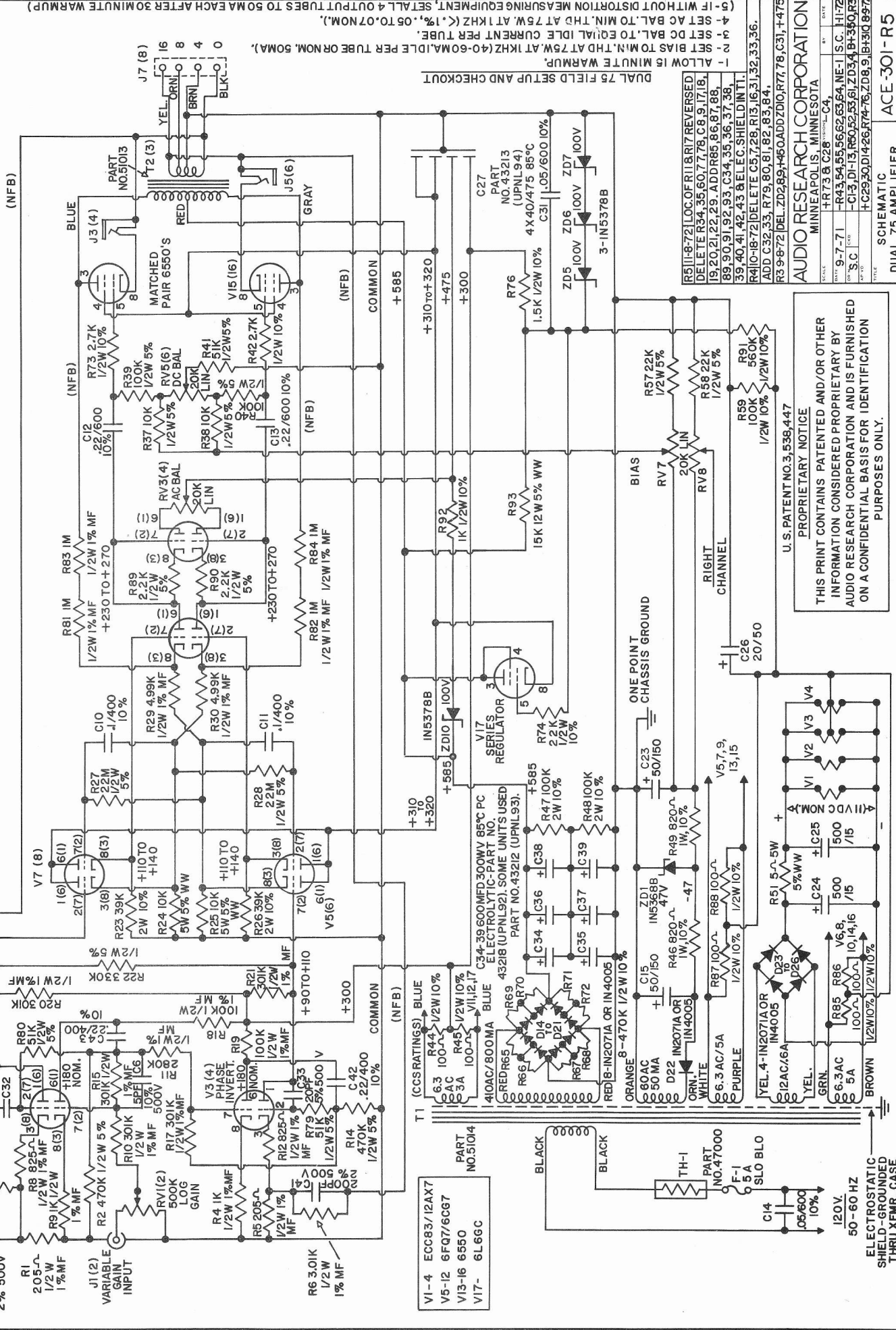
ACE-301 R5

V13 (14)
PARTIALLY CATHODE COUPLED
CLASS AB-1 OUTPUT STAGE

V7 (12)
CONSTANT CURRENT
LOAD

V9 (10)
DRIVER

CROSS COUPLERS (2)



DUAL 75 FIELD SETUP AND CHECKOUT

- 1- ALLOW 75 MINUTE WARMUP.
- 2- SET BIAS TO MIN. THD AT 75W. AT 1KHZ (40-60MA IDEAL PER TUBE OR NOM. 50MA).
- 3- SET DC BAL. TO EQUAL IDEAL CURRENT PER TUBE.
- 4- SET AC BAL. TO MIN. THD AT 75W. AT 1KHZ (<1%, .05 TO .07 NOM.).
- 5- IF WITHOUT DISTORTION MEASURING EQUIPMENT, SET ALL 4 OUTPUT TUBES TO 50MA EACH AFTER 30 MINUTE WARMUP.

R511-B-72 LOC. OF R11 & R17 REVERSED
 DELETE R34, 35, 60, 77, 78, C8, 9, 17, 18,
 19, 20, 21, 22, 29. ADDRESS: 86, 87, 88,
 89, 90, 91, 92, 93, C34, 35, 36, 37, 38,
 39, 40, 41, 42, 43 & ELLEC. SHIELD INTI.
 R410-B-72 DELETE C5, 7, 28, R13, 16, 31, 32, 33, 36.
 ADD C32, 33, R79, 80, 81, 82, 83, 84.
 R3 9-6-72 DEL. ZD2 89, 4H60. ADDR. ZD10, R77, 78, C31, +475

AUDIO RESEARCH CORPORATION	
MINNEAPOLIS, MINNESOTA	
SCALE	TR73 & C28 THROUGH C4
DATE	
REV.	9-7-71
S.C.	R-43, 54, 55, 56, 62, 63, 64, NE-1, SC, HI-72
C.C.	-C13, DI-13, R60, 82, 83, 84, ZD3, 4, R3, R5, R6
V.P.	+C29, 30, D1, 4, 26, R74, 75, DDB, 9, B, H, 3, D, 8, 9, 7

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S20V
 .05/600
 10%
 120V.
 50-60 HZ
 ELECTROSTATIC SHIELD-GROUNDED THRU XFMR. CASE

ACE-301-R5

DUAL 75 AMPLIFIER

SCHEMATIC