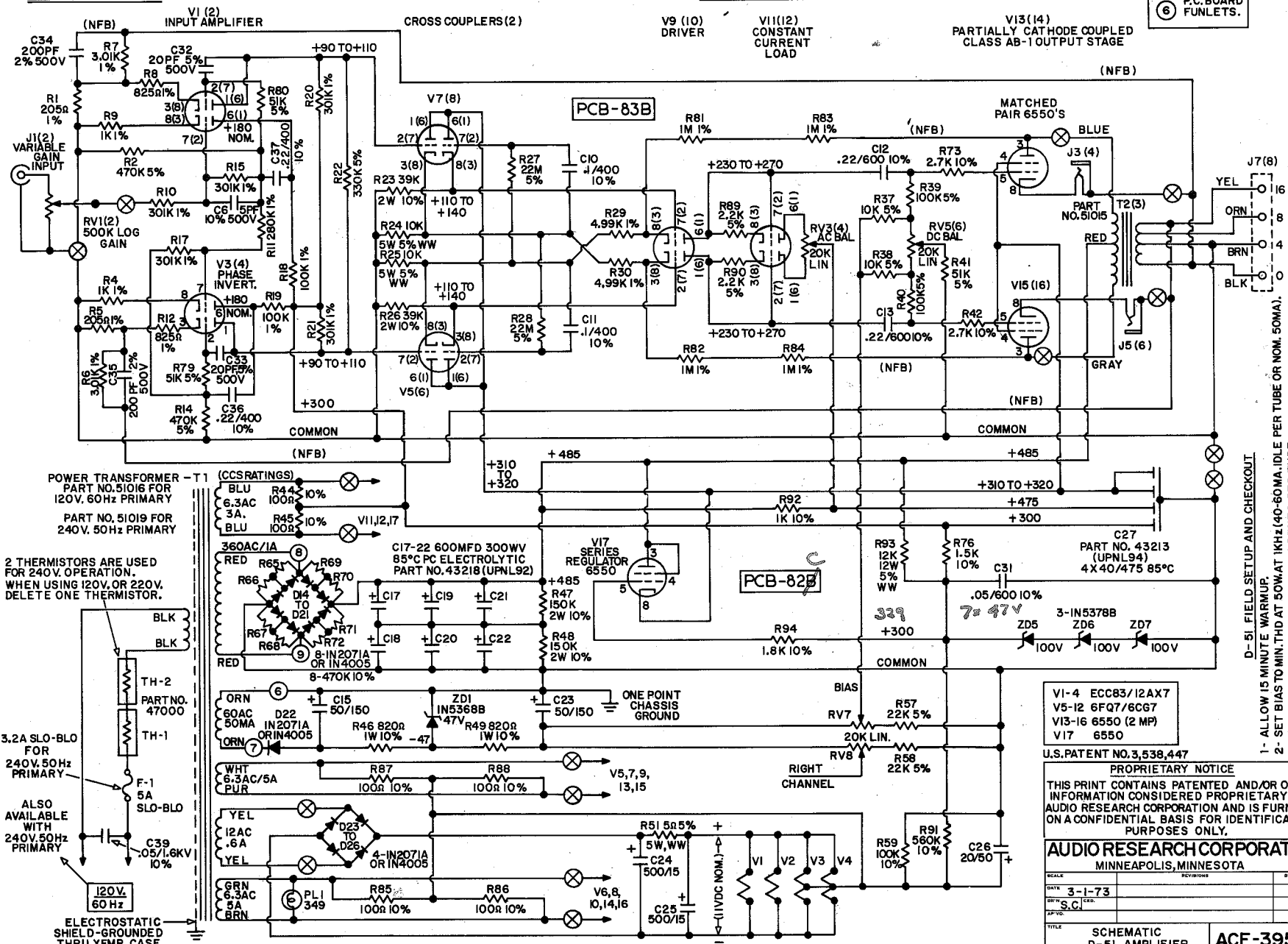


LEFT CHANNEL SHOWN (RIGHT CHANNEL TUBE PINS, WHERE DIFFERENT, ARE IN PARENTHESIS)

ALL RESISTORS 1/2 WATT AND ALL CAPACITORS IN MF EXCEPT AS NOTED.

⊗ DENOTES P.C. BOARD FUNNELTS.  
Ⓢ



D-51 FIELD SETUP AND CHECKOUT:  
1- ALLOW 15 MINUTE WARMUP.  
2- SET BIAS TO MIN. THD AT 50WAT 1KHZ (40-60MA IDLE PER TUBE OR NOM. 50MA).  
3- SET DC BAL TO EQUAL IDLE CURRENTS PER TUBE.  
4- SET AC BAL TO MIN. THD AT 75WAT 1KHZ (K-1% .05 TO .07 NOM.).  
5- IF WITHOUT DISTORTION MEASURING EQUIPMENT, SET ALL 4 OUTPUT TUBES TO 50MA EACH AFTER 30 MINUTE WARMUP.

U.S. PATENT NO. 3,538,447

PROPRIETARY NOTICE  
THIS PRINT CONTAINS PATENTED AND/OR OTHER INFORMATION CONSIDERED PROPRIETARY BY AUDIO RESEARCH CORPORATION AND IS FURNISHED ON A CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES ONLY.

**AUDIO RESEARCH CORPORATION**  
MINNEAPOLIS, MINNESOTA

SCALE	REVISIONS	BY	DATE
DATE 3-1-73			
DRN S.C.			
AP-10			
TITLE	SCHEMATIC D-51 AMPLIFIER		
	ACE-395		

D-51 SCHEMATIC DIAGRAM