

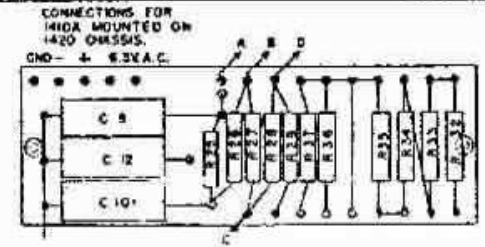
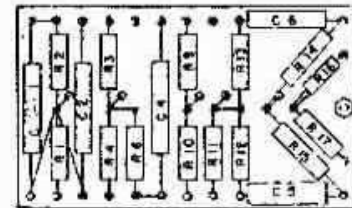
OPERATING DATA			
GAIN:		97 DB	
POWER OUTPUT	400~ AT 2%	TOTAL HARMONIC DISTORTION	38 WATTS
	50 TO 2500~		35 WATTS
FREQUENCY RESPONSE (NOTE 2)		±1DB 30-5,000	
NOISE LEVEL (NOTE 5)		-27 DBM	

- NOTES:
- SEE "TYPICAL CURVES" DRWG NO. 4427
  - SEE "TYPICAL CURVES" DRWG NO. 4428
  - VOL. CONTROL "MIN."
  - STRAP POSITION SELECTED FOR BIAS VOLTAGE OF 30V AT PIN 5 OF V8 & V9.
  - ALL VOLTAGE MEASUREMENTS MADE WITH ZERO INPUT SIGNAL.

NOTE:  
A MAXIMUM OF THREE 1420A PRE-AMPLIFIERS MAY BE SUPPLIED POWER FROM THE 1420A AMPLIFIER.

PARTS LIST			
C1	50 MFD 35V	15.0 DBM 50.2L	
C2, 5, 6	100V 400V	1MALLDORY TR=EN	
C3, 4	100V 400V	(- TP-423)	
C7, 8	5 - 500V	(C.D. DR 6050 10)	
C9, 10, 12	20 - 150V	(C.D. DR 2013 1)	
C13, 14	40R40MFD500V	(C.D. DR 4450 1)	
L1	PEERLESS 15245		
P1	POTENTIOMETER - MALLORY M938		
R1	47	OHM - 1 WATT	
R2	1000	" - 1	
R3	820,000	" - 1	
R4, 11	220,000	" - 1	
R5, 6, 32	33,000	" - 1	
R7, 8	1	MEG OHM	
R9, 10	510	OHM	
R12, 13	100,000	" - 1	
R14, 15	470,000	" - 1	
R16, 17, 26	22,000	" - 1	
R18, 19, 20, 21	220	" - 1	
R22, 23, 24	68,000	" - 1	
R25	2700	" - 1	
R27, 28	1800	" - 1	
R29	89,000	" - 1	
R30	10,000	" - 25	82N 51
R31	1000	" - 10	" - 871
R33	400,000	" - 1	
R34	220	" - 2	
R35, 37	560	" - 2	
R36	15,000	" - 1	
D1	RECTIFIER 100MA RA REC. SH1		
F1	5 AMP. TYPE 3A8		
PL 1	D.C. METER #4		
S1	SPST ROTARY SWH 708		
T1	PEERLESS 18219		
T2	" 9813		

V1, 2, 4	TYPE 6SJ7 - METAL
V5	- 6SN7
V6, 7	- 6L6G
V8, 9	- 5U4G



10927-4

Altec Lansing 1420A