



OPERATING DATA	
GAIN	97.28
POWER OUTPUT (NOTE 1)	38 WATTS
30 TO 2000 Hz	
TOTAL HARMONIC DISTORTION	35 WATTS
FREQUENCY RESPONSE (NOTE 2)	±10% 30-15,000
NOISE LEVEL (NOTE 3)	-27 DBM

- NOTES:
1. SEE "TYPICAL CURVES" DRAWG. NO. 4427
 2. SEE "TYPICAL CURVES" DRAWG. NO. 4428
 3. VOL. CONTROL "MIN"
 4. STRAP POSITION SELECTED FOR BIAS VOLTAGE OF 300V AT PIN 8 OF V8 & V7.
 5. ALL VOLTAGE MEASUREMENTS MADE WITH ZERO INPUT SIGNAL.

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

PARTS LIST	
C1	50MFD 35V 1G8 BGR 50-71
C2, 5, 6	100V 400V 1MILICAT 10-15
C3, 4	100V 400V 1 - 39-4231
C7, 8	5 - 800V 1C DDM 6050 15
C9, 10, 11	20 - 150V 1C D BR 2015 1
C12, 13, 14	40R40MFD 500VDC DUF 4-400 1
L1	PEERLESS 15945
P1	POTENTIOMETER - HALLORY M638
R1	47 OHM 1 WATT
R2	100Ω - 1 -
R3	20,000Ω - 1 -
R4, 11	22,000Ω - 1 -
R5, 6, 32	53,000Ω - 1 -
R7, 8	1 MEGOHM - 1 -
R9, 10	540 OHM 1 -
R12, 13	100,000Ω - 1 -
R14, 15	270,000Ω - 1 -
R16, 17, 26	22,000Ω - 1 -
R18, 19, 20, 21	220Ω - 1 -
R22, 23, 24	68,000Ω - 1 -
R25	22,000Ω - 1 -
R27, 28	100Ω - 1 -
R29	22,000Ω - 1 -
R30	10,000Ω - 22 - 250-100
R31	10,000Ω - 10 - 1 - 500
R32	400,000Ω - 2 -
R34	220Ω - 2 -
R35, 37	560Ω - 2 -
R38	39,000Ω - 1 -
T1	PEERLESS 18219
T2	5813