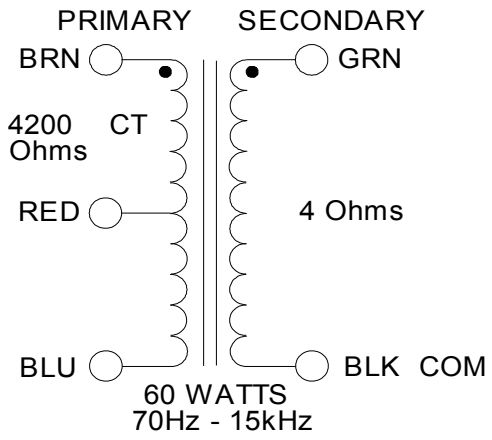
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

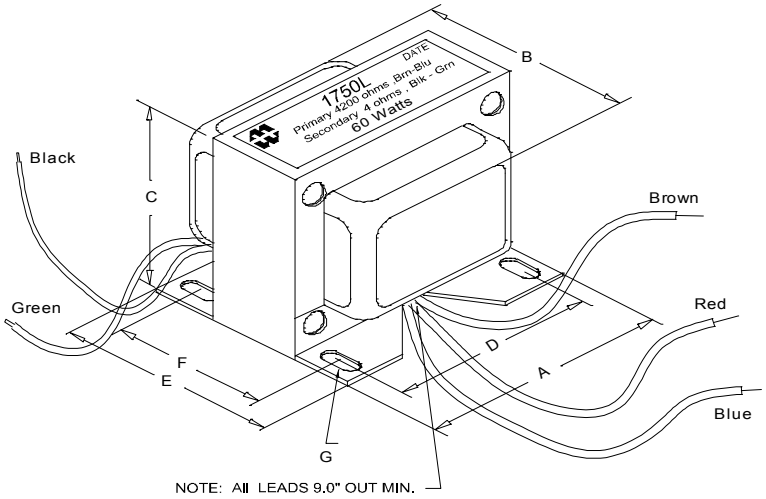
1750L

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- Constructed to look similar to original factory units (where possible).
- Material used & design specifications were kept as close as possible to the original part to preserve the stock "tone".
- Open style with minimum 9" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 2% @ 70Hz



ELECTRICAL SPECIFICATIONS		
Characteristics		**Typical**
Input Impedance		4200 Ohms
Output Impedance		4 Ohms
Output Power		60W
DCR		
Primary Brown-Blue		98.6 Ohms
Secondary Black-Green		0.170 Ohm
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC
Primary Blue-Brown		6.52H / 41.6 KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC
Primary Blue-Brown		4.93mH
Dielectric Strength		2000VRMS
Temperature Range		-40 to 105 degC



Dimensions					
A	4.050" ±0.063	D	3.500" ±0.063	G	0.187x0.300"
B	3.050" REF	E	2.490" ±0.063		
C	3.46" MAX	F	1.940" ±0.063		

TEST CONDITIONS

Measurement instruments:

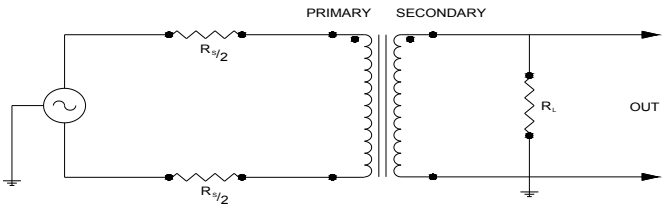
D scope series iii audio analyzer — Keithley 2010 DVM

Wayne Kerr 3255B with a 3265B — Hp4192a impedance analyzer

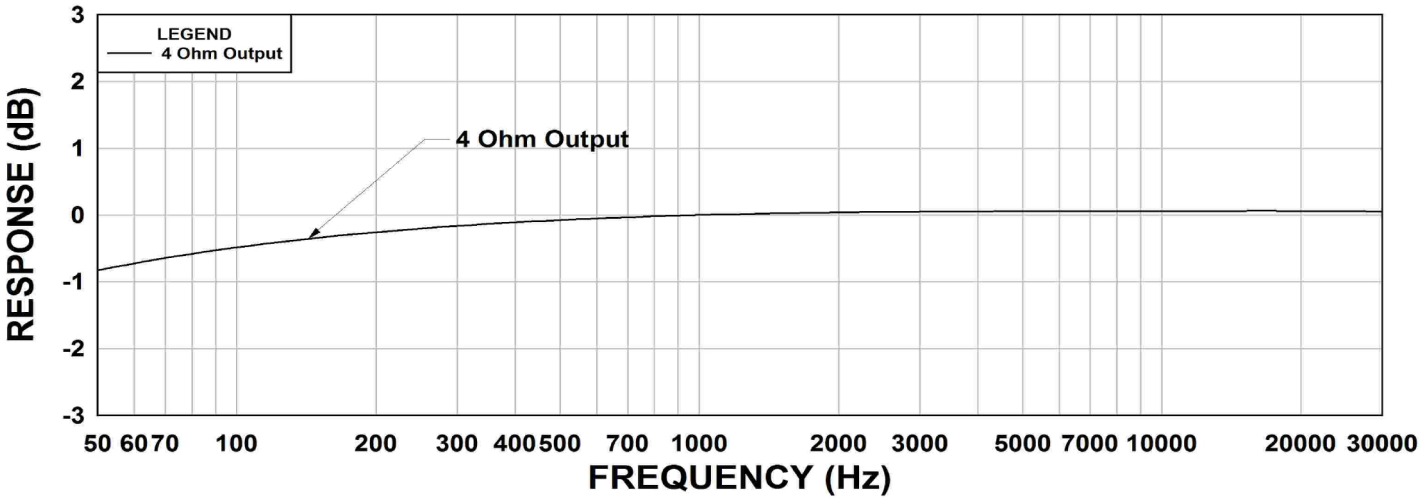
* All graphs input level 27dBu @1.0KHz reference.

**The results are typical and are subject to normal manufacturing and electrical tolerances.

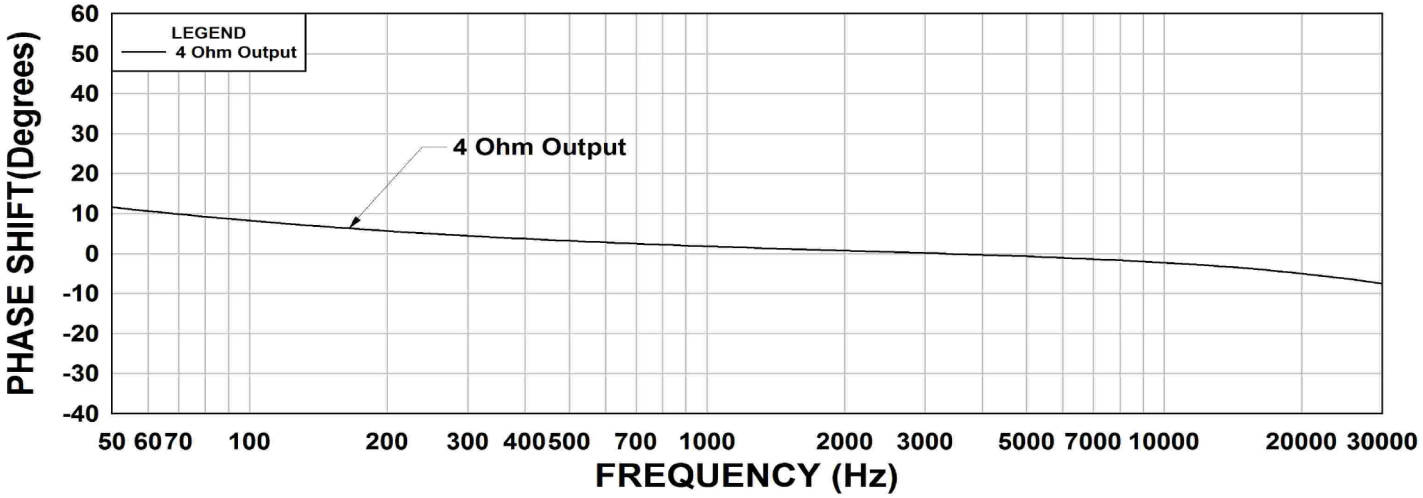
TYPICAL TEST CIRCUIT



1750L Frequency Response RS = 4200 Ohm



1750L Phase Shift RS = 4200 Ohm



1750L THD+N RS = 4200 Ohm