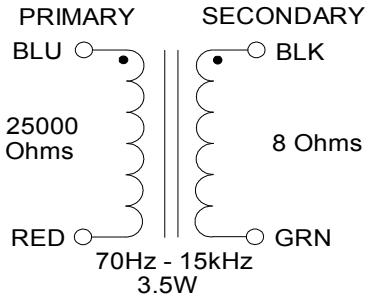
Hammond Mfg. Co. Ltd., Electronics Division

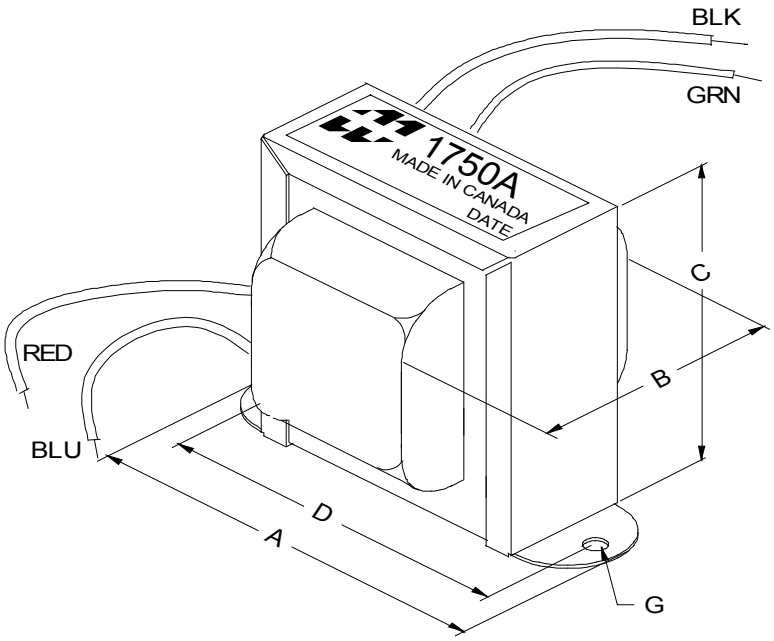
www.hammondmfg.com

1750A

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 6" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1dB reference @ 1KHz)
- Distortion is less than 1.5% @ 70Hz





NOTE: ALL LEADS 6" OUT MIN.

ELECTRICAL SPECIFICATIONS			
Characteristics		**Typical**	
Input Impedance		25000 Ohms	
Output Impedance		8 Ohms	
Output Power		3.5W	
DCR			
Primary Blue-Red		1065 Ohms	
Secondary Black-Green		0.966 Ohm	
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC	
Primary Blue-Red		31.0H	190KOhm
Secondary Black-Green		39.09mH	157.05 Ohm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Blue-Red		1.54H	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	

Dimensions			
A	2.000" ±0.063	D	1.719" ±0.063
B	1.440" ±0.125	G	0.187" ±0.015
C	1.745" ±0.063		

TEST CONDITIONS

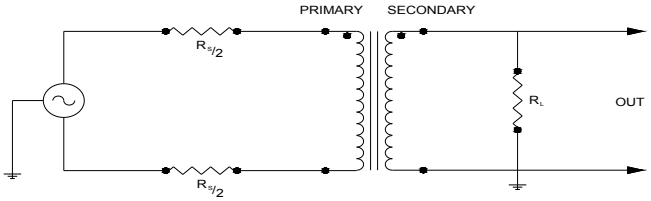
Measurement instruments:

D scope series iii audio analyzer	Keithley 2010 DVM
Wayne Kerr 3255B with a 3265B	Hp4192a impedance analyzer

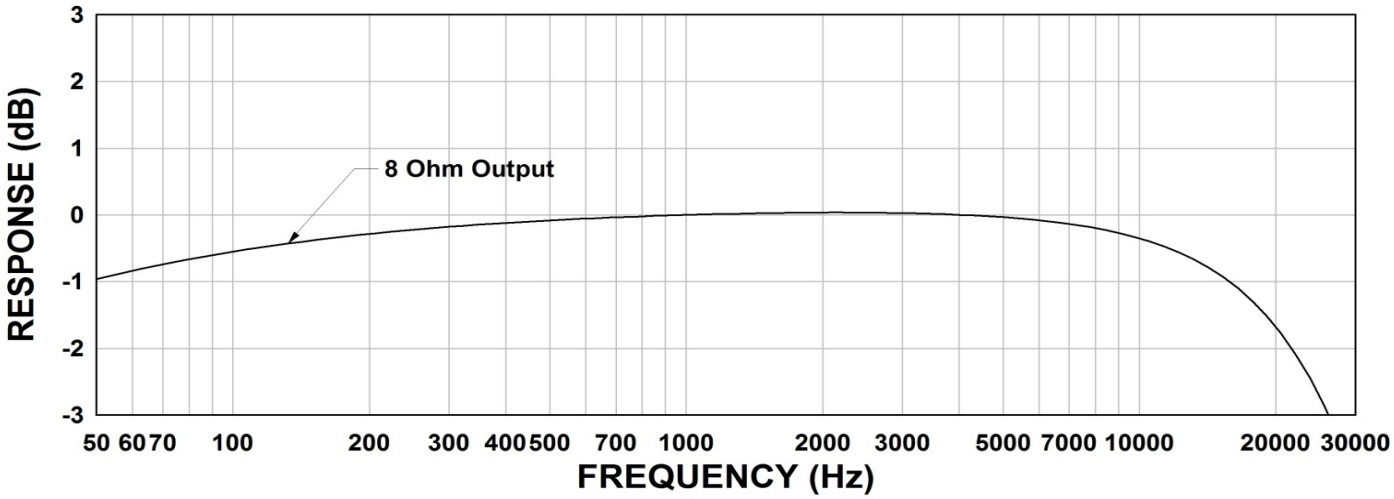
* All graphs input level 27dBu @1.0KHz reference.

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

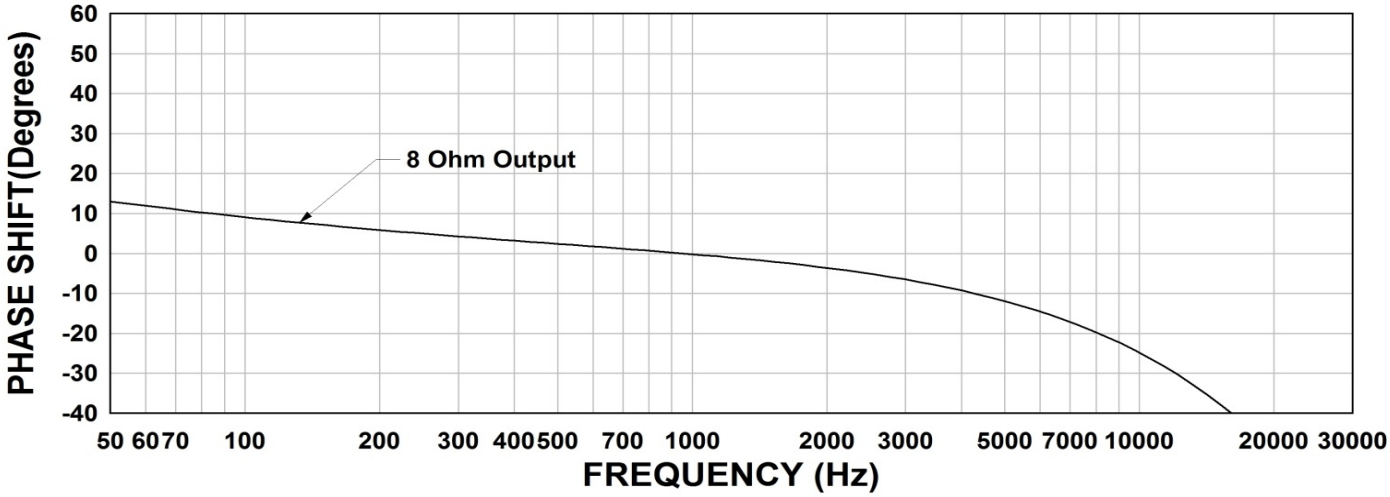
TYPICAL TEST CIRCUIT



1750A Frequency Response RS=25K RL=8 Ohms



1750A Phase Shift RS = 25K RL = 8 Ohms



1750A THD+N RS = 25K RL = 8 Ohms