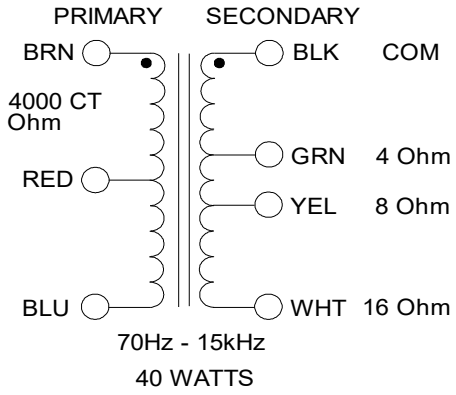
Hammond Mfg. Co. Ltd., Electronics Division

www.hammfg.com

1760J

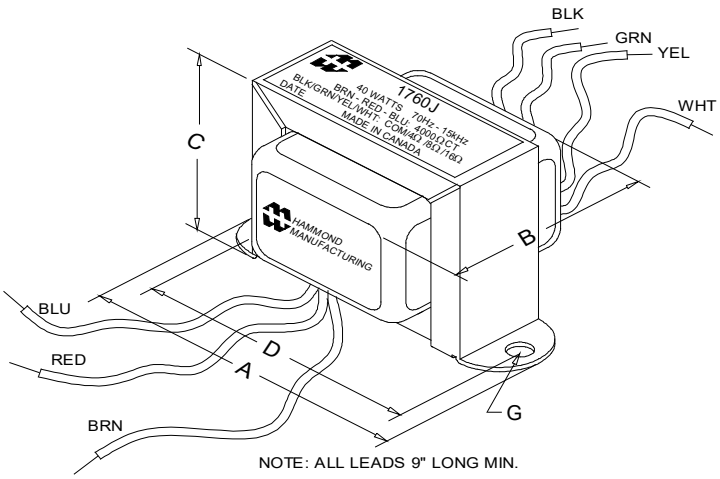
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- 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/-1.5dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS	
Characteristics	**Typical**
Input Impedance	4000 Ohms
Output Impedance	4, 8 & 16 Ohms
Output Power	40W

DCR		
Primary Brown-Blue		185.0 Ohms
Secondary Black-Green		0.356 Ohm
Secondary Black-Yellow		0.502 Ohm
Secondary Black-White		0.910 Ohm
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue		19.5H 124KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC
Brown-Blue		35.93mH
Dielectric Strength		1500VRMS
Temperature Range		-40 to 105 degC



Dimensions			
A	4.000" ±0.063	D	3.560" ±0.063
B	2.80" REF	G	0.187" ±0.015
C	2.63" MAX		

TEST CONDITIONS

Measurement instruments:

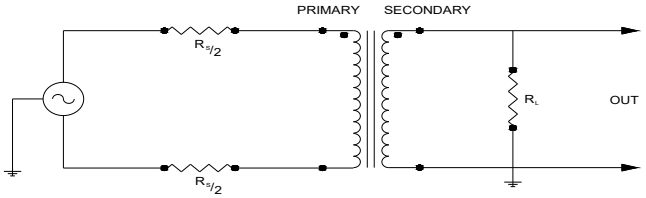
D scope series iii audio analyzer — Keithley 2010 DVM

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

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

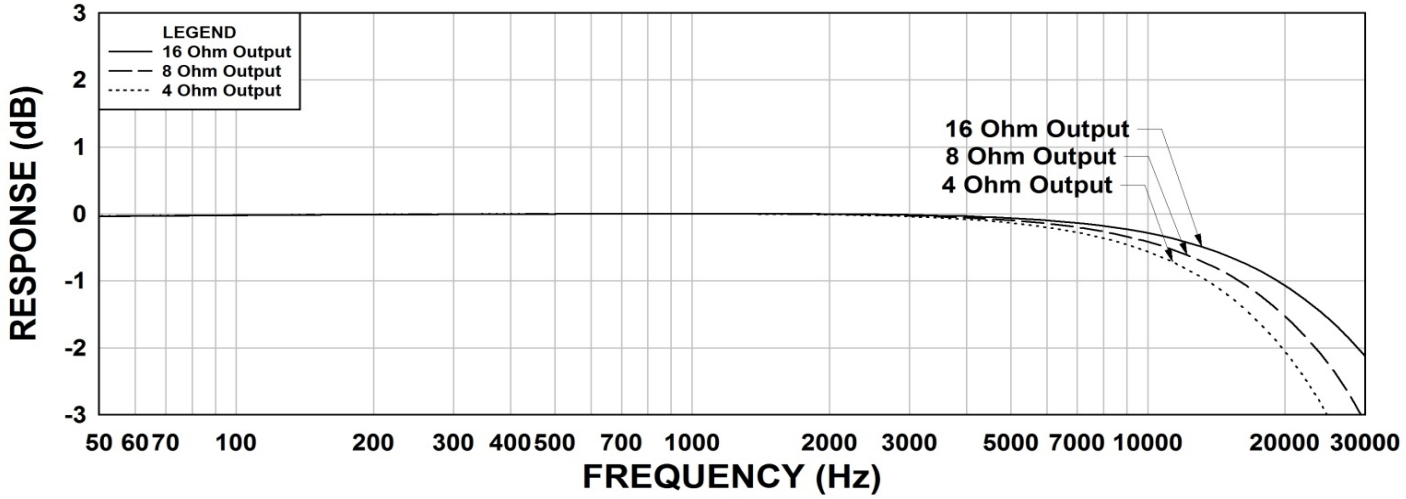
**The results are typical and are subject to normal manufacturing and electrical tolerances.

TYPICAL TEST CIRCUIT

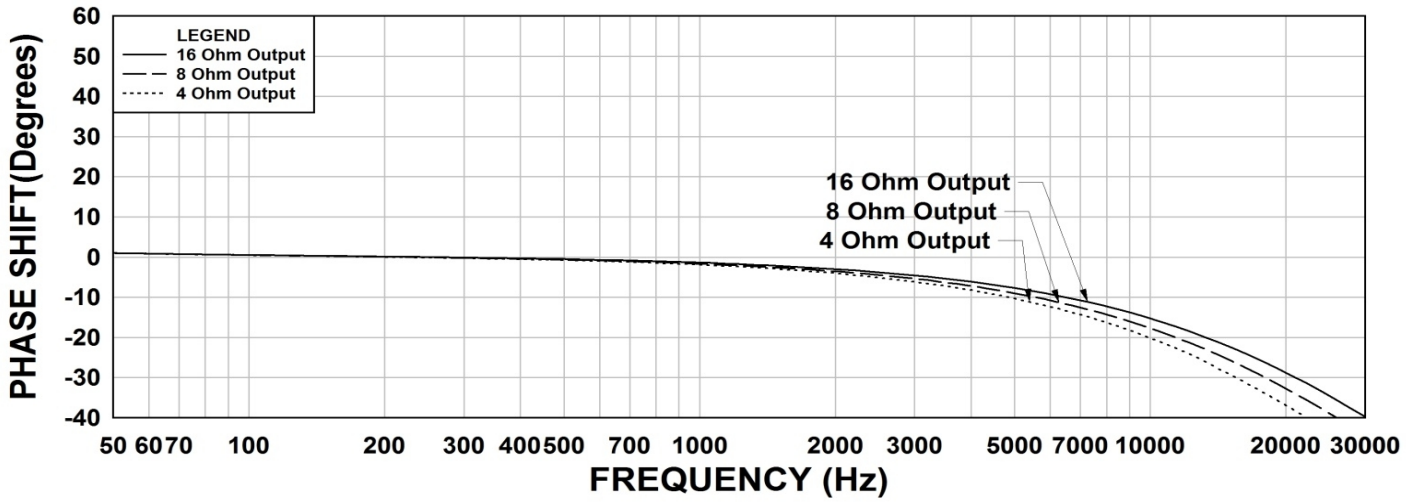


Release 2: 03.03.2021

1760J Frequency Response RS = 4K Ohms



1760J Phase Shift RS = 4K Ohms



1760J THD+N RS = 4K Ohms