

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	35W

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

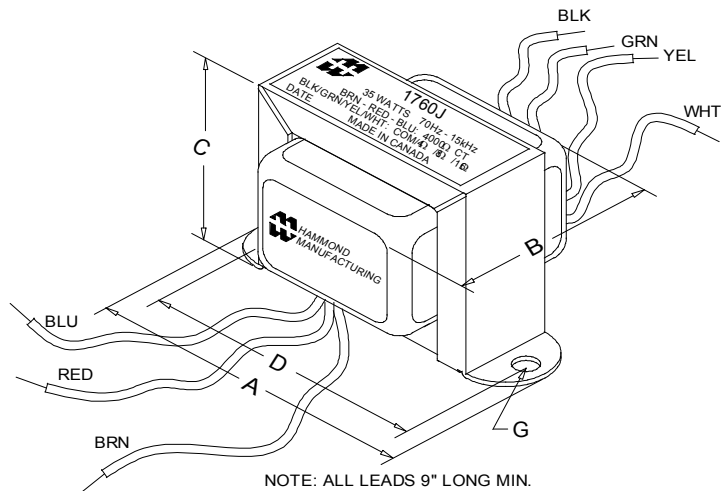
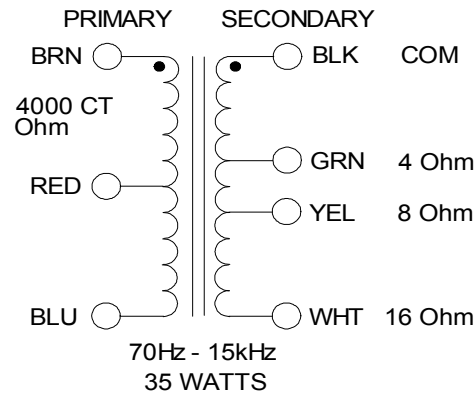
Inductance | Impedance @ 1.0 kHz, 1.0 V OC

Primary Brown-Blue	19.5H	124KOhm
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Leakage Inductance @ 1.0 kHz, 1.0 V SC

Brown-Blue	35.93mH
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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
Wayne Kerr 3255B with a 3265B

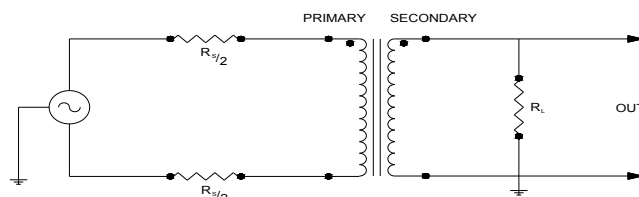
Keithley 2010 DVM

Hp4192a impedance analyzer

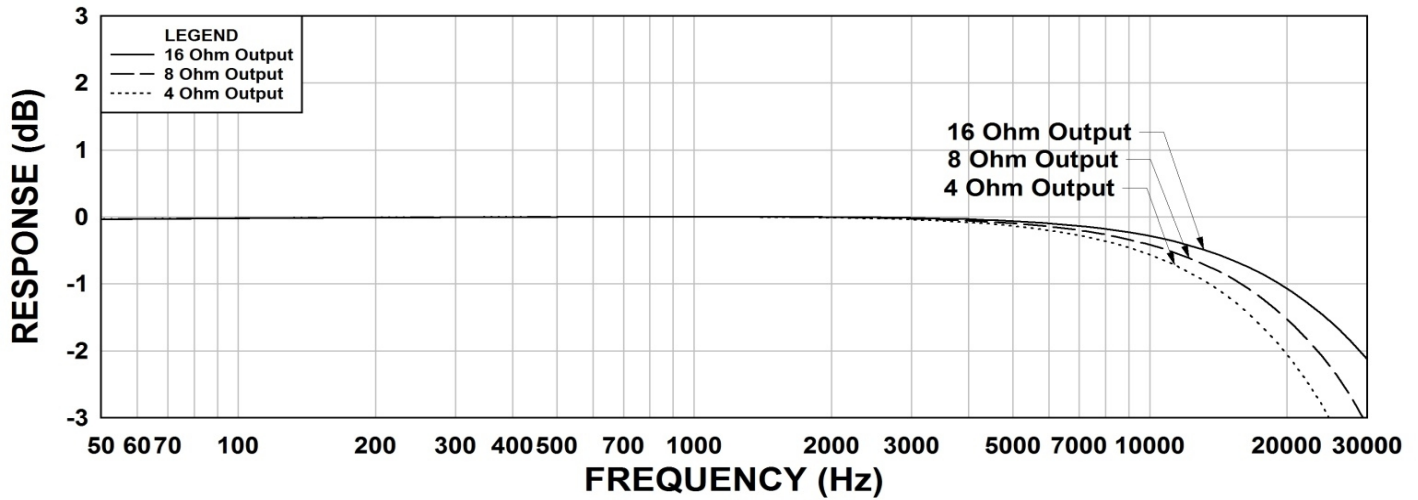
* All graphs input level 27dBu @1.0KHz reference.

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

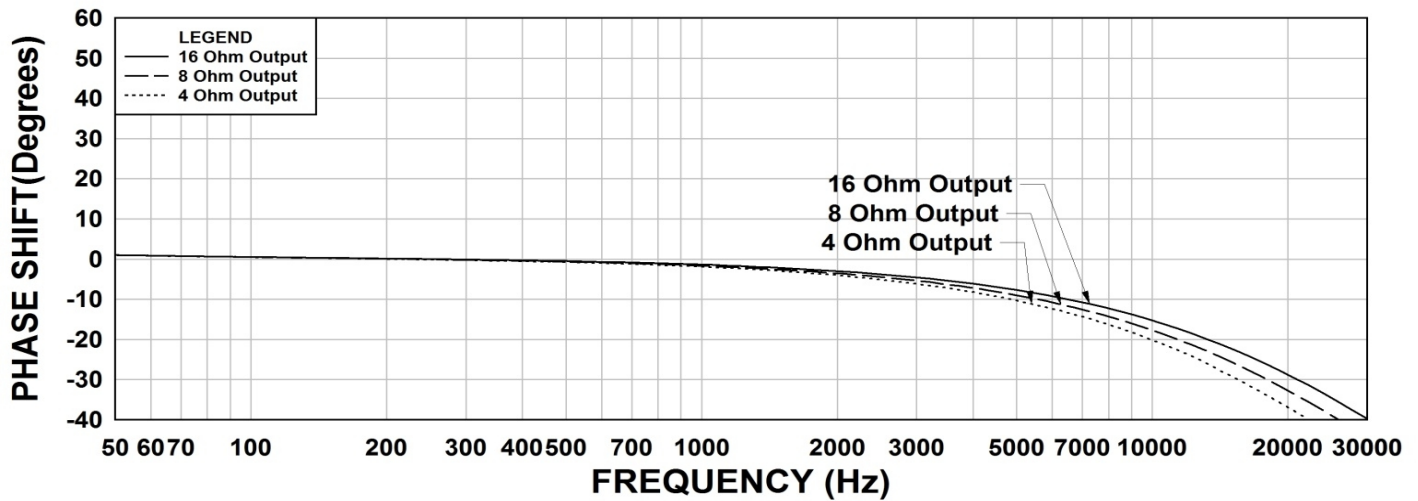
TYPICAL TEST CIRCUIT



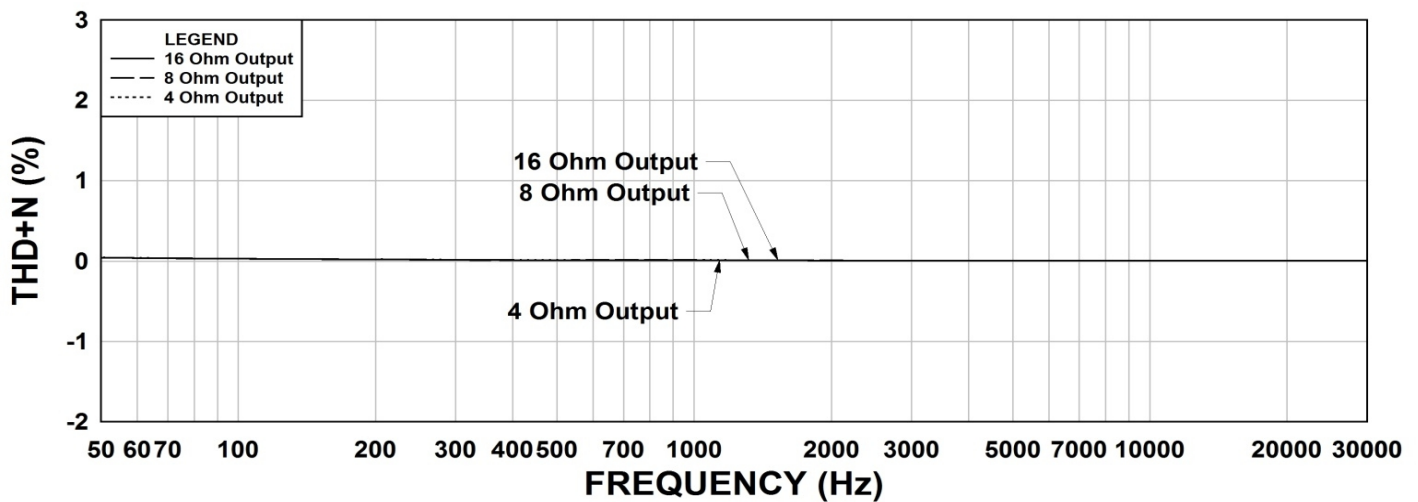
1760J Frequency Response RS = 4K Ohms



1760J Phase Shift RS = 4K Ohms



1760J THD+N RS = 4K Ohms



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