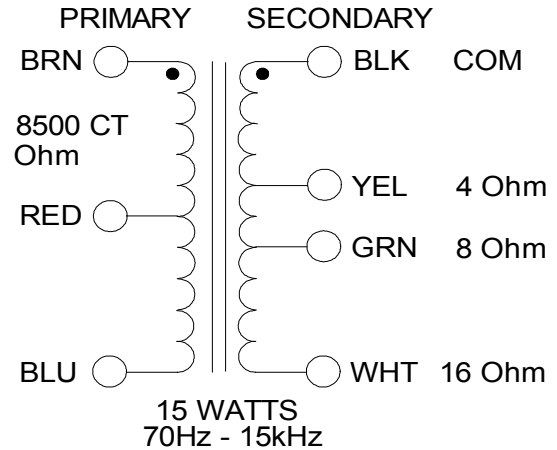


1760E

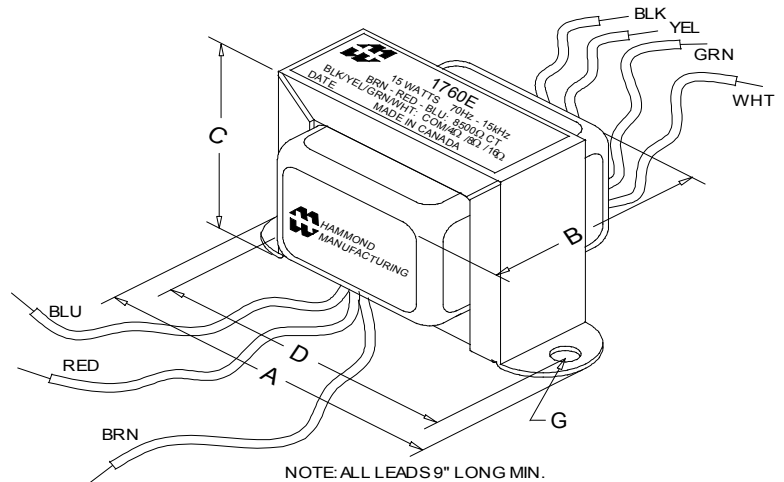
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

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



ELECTRICAL SPECIFICATIONS

Characteristics		Typical
Input Impedance		8500 Ohms
Output Impedance		4, 8 & 16 Ohms
Output Power		15W
DCR		
Primary Brown-Red		154.40 Ohms
Primary Red-Blue		159.20 Ohms
Secondary Black-Yellow		0.410 Ohm
Secondary Black-Green		0.540 Ohm
Secondary Black-White		0.830 Ohm
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue	21.60H	129 KOhm
Leakage Inductance		
Primary Brown-Blue		@ 1.0 kHz, 1.0 V SC
		323.9mH
Dielectric Strength		1500VRMS
Temperature Range		-40 to 105 degC



Dimensions

A	3.250" ±0.063	D	2.813" ±0.063
B	2.085" ±0.125	G	0.187" X 0.300"
C	1.995" ±0.063		±0.015

TEST CONDITIONS

Measurement instruments:

 D scope series iii audio analyzer
 Wayne Kerr 3255B with a 3265B

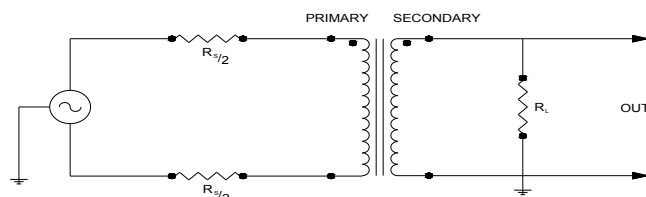
Keithley 2010 DVM

Hp4192a impedance analyzer

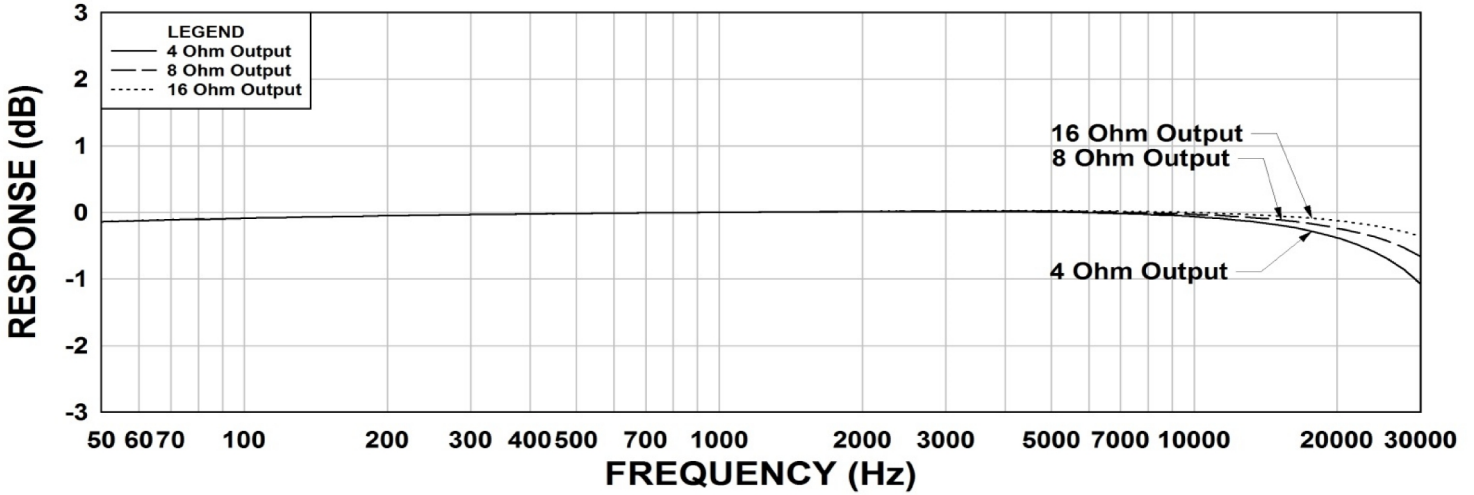
* All graphs input level 27dBu @1.0KHz reference.

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

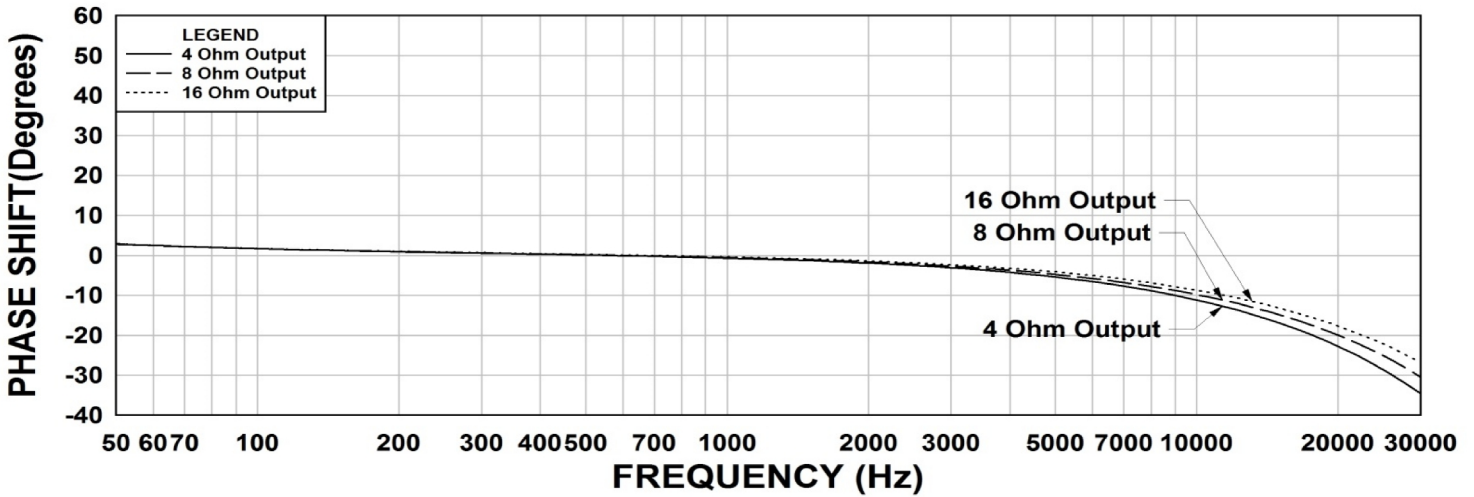
TYPICAL TEST CIRCUIT



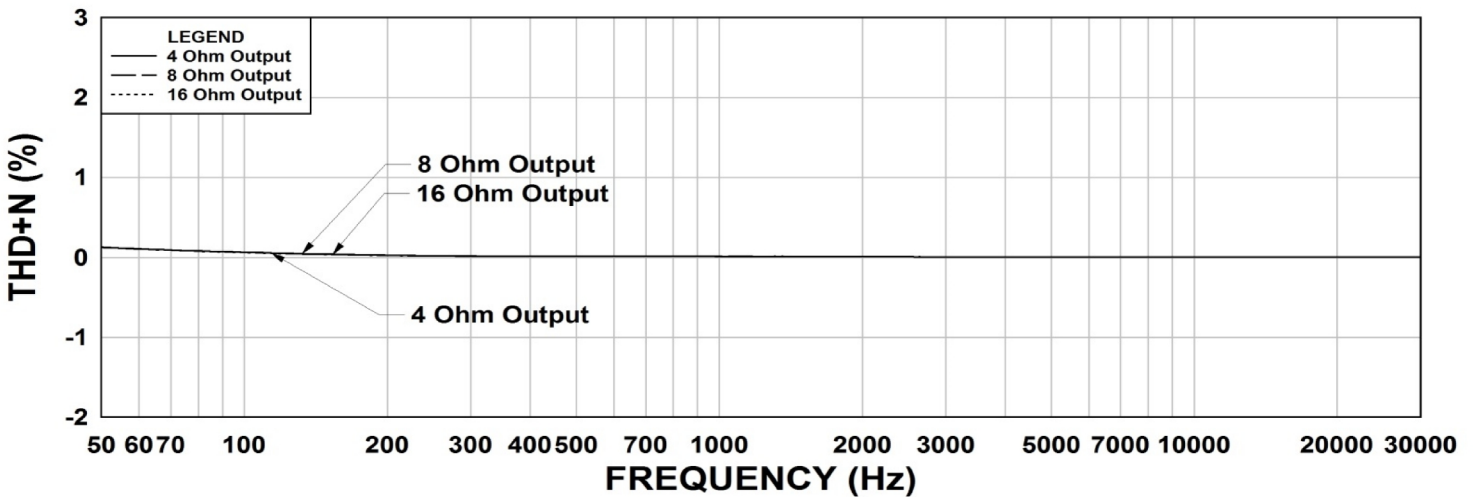
1760E Frequency Response RS = 8.5K Ohms



1760E Phase Shift RS = 8.5K Ohms



1760E THD+N RS = 8.5K Ohms



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