

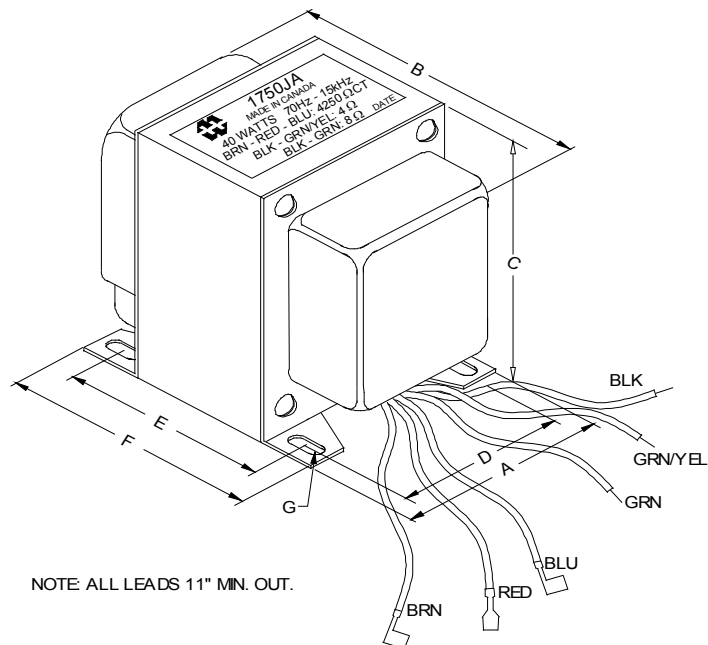
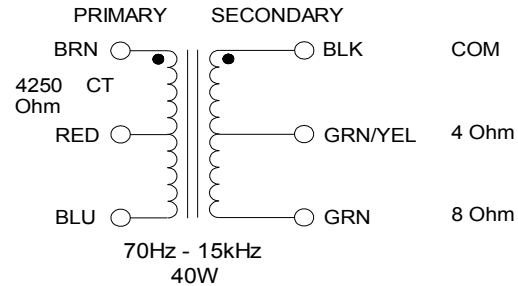
1750JA

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 11" 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		4250 Ohms
Output Impedance		4 & 8 Ohms
Output Power		40 W
DCR		
Primary Brown-Red		82.0 Ohms
Primary Red-Blue		108.3 Ohms
Secondary Black-Grn/Yel		0.253 Ohm
Secondary Black-Green		0.462 Ohm
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue	11.40 H	72.0 KOhm
Secondary Black-Grn/Yel	28.86 mH	259.20 Ohm
Secondary Black-Green	55.60 mH	457.80 Ohm
Leakage Inductance		
Primary Brown-Blue		@ 1.0 kHz, 1.0 V SC
Primary Brown-Blue		31.39 mH
Dielectric Strength		2000VRMS
Temperature Range		-40 to 105 degC



Dimensions		
A	2.500" ±0.063	D 2.000" ±0.063
B	3.150" ±0.125	E 2.150" ±0.063
C	3.256" ±0.063	F 2.650" ±0.063
		G 0.188" X 0.375" ±0.015

TEST CONDITIONS

Measurement instruments:

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

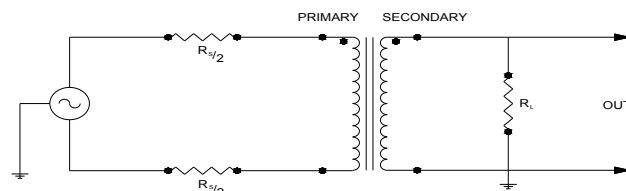
Keithley 2010 DVM

Hp4192a impedance analyzer

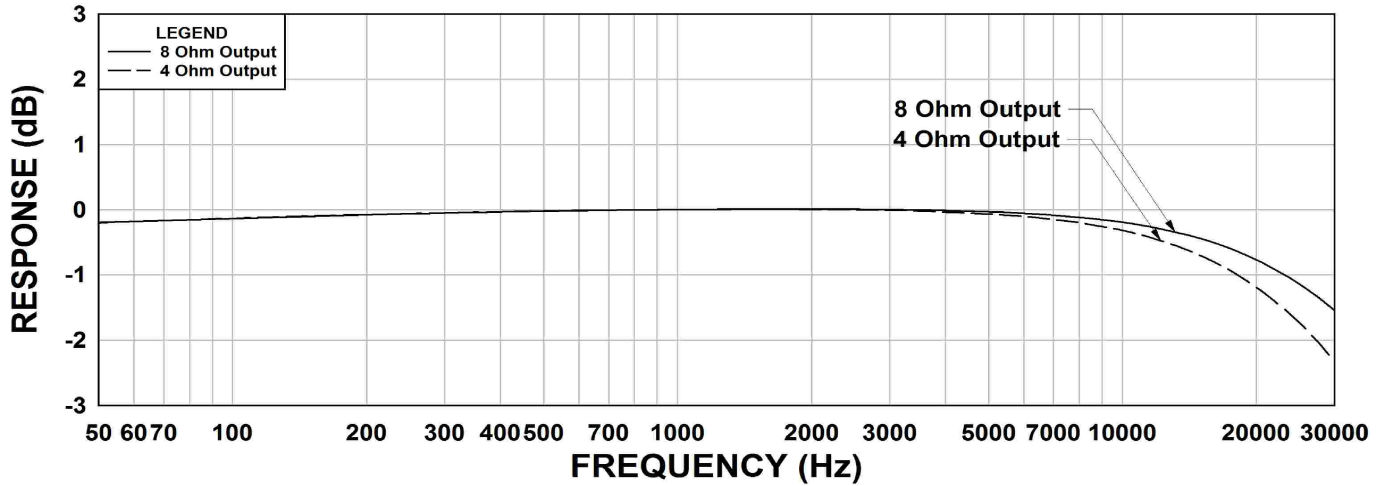
* All graphs input level 27dBu @1.0KHz reference.

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

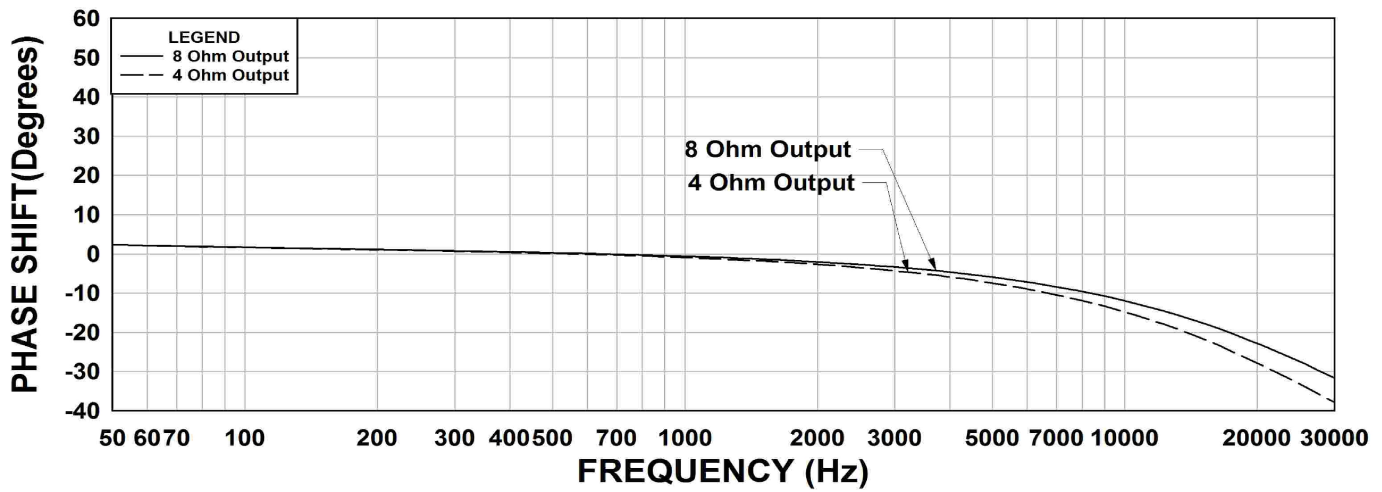
TYPICAL TEST CIRCUIT



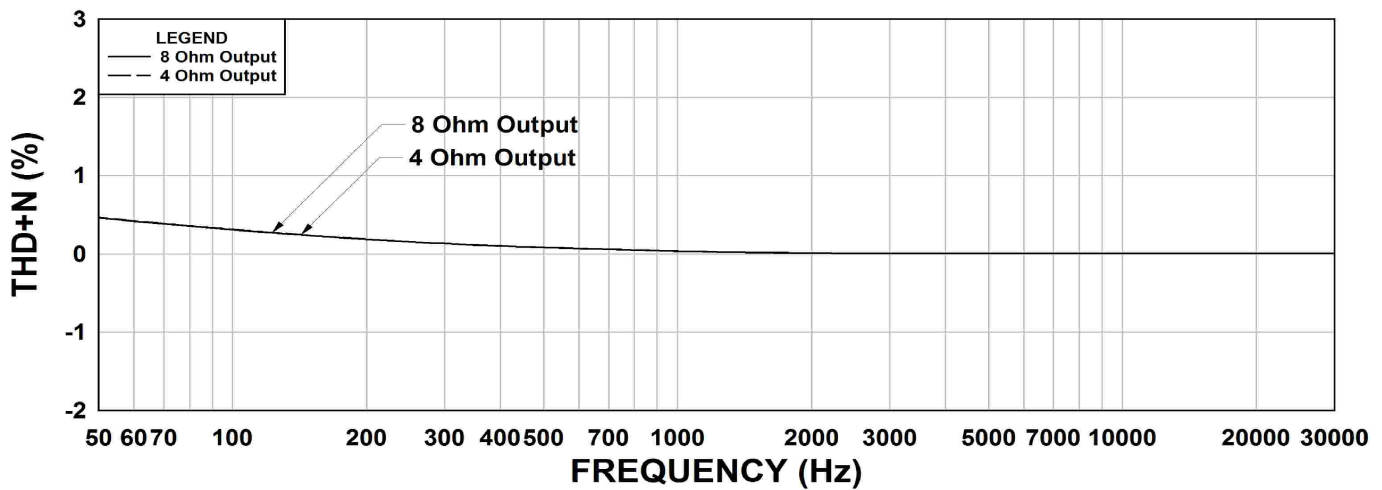
1750JA Frequency Response RS = 4250 Ohm



1750JA Phase Shift RS = 4250 Ohm



1750JA THD+N RS = 4250 Ohm



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