

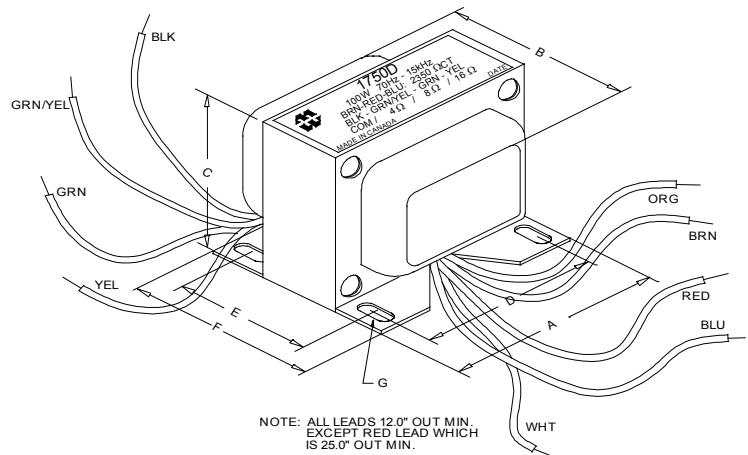
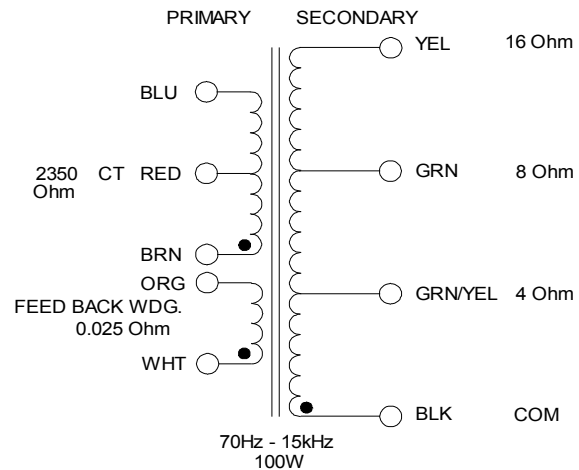
1750D

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Built-in feedback winding configurable to reduce noise and distortion
- 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 12" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz

ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		2350 Ohms	
Output Impedance		4, 8 & 16 Ohms	
Output Power		100 W	
DCR			
Primary Brown-Blue		67.91 Ohms	
Secondary Black-Grn/Yel		0.300 Ohm	
Secondary Black-Green		0.690 Ohm	
Secondary Black-Yellow		0.860 Ohm	
Feedback Winding(Org-Wht)		0.025 Ohm	
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue		10.2H	65 KOhm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Brown-Blue		5.66mH	
Dielectric Strength		2000VRMS	
Temperature Range		-40 to 105 degC	



Dimensions		
A	4.050" ±0.063	D 3.500" ±0.063
B	3.715" ±0.125	E 2.500" ±0.063
C	3.500" ±0.063	F 3.020" ±0.063
		G 0.187" X 0.300" ±0.015

TEST CONDITIONS

Measurement instruments:

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

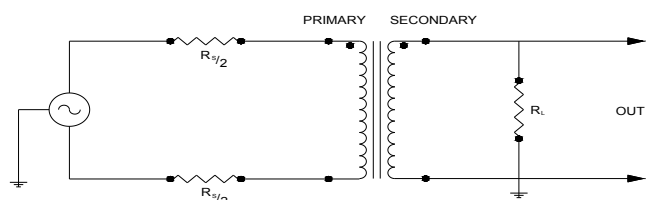
Keithley 2010 DVM

Hp4192a impedance analyzer

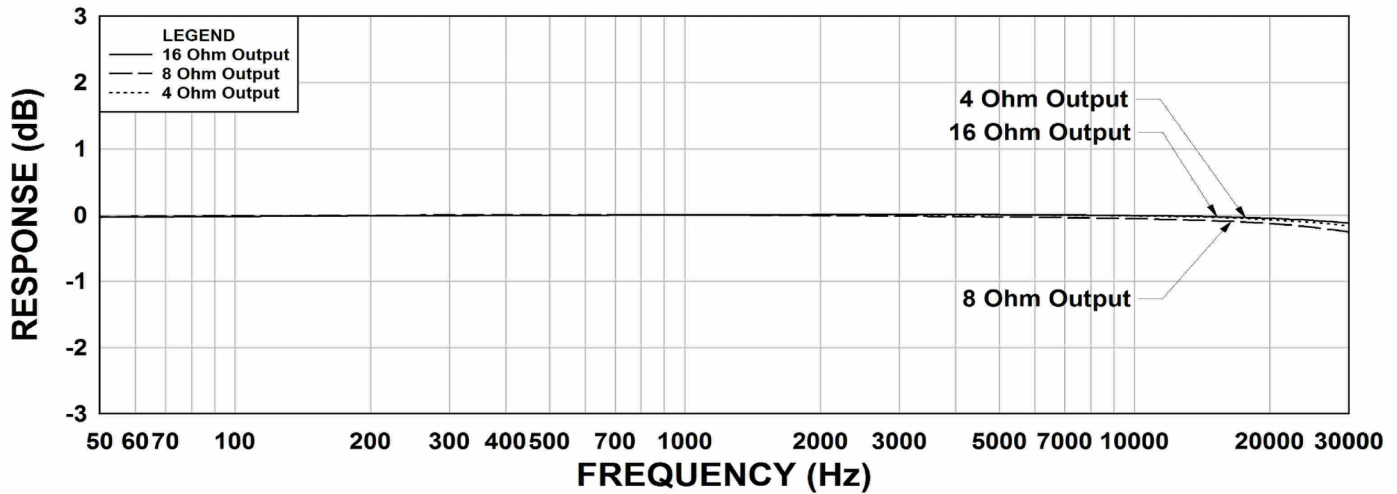
* All graphs input level 27dBu @1.0KHz reference.

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

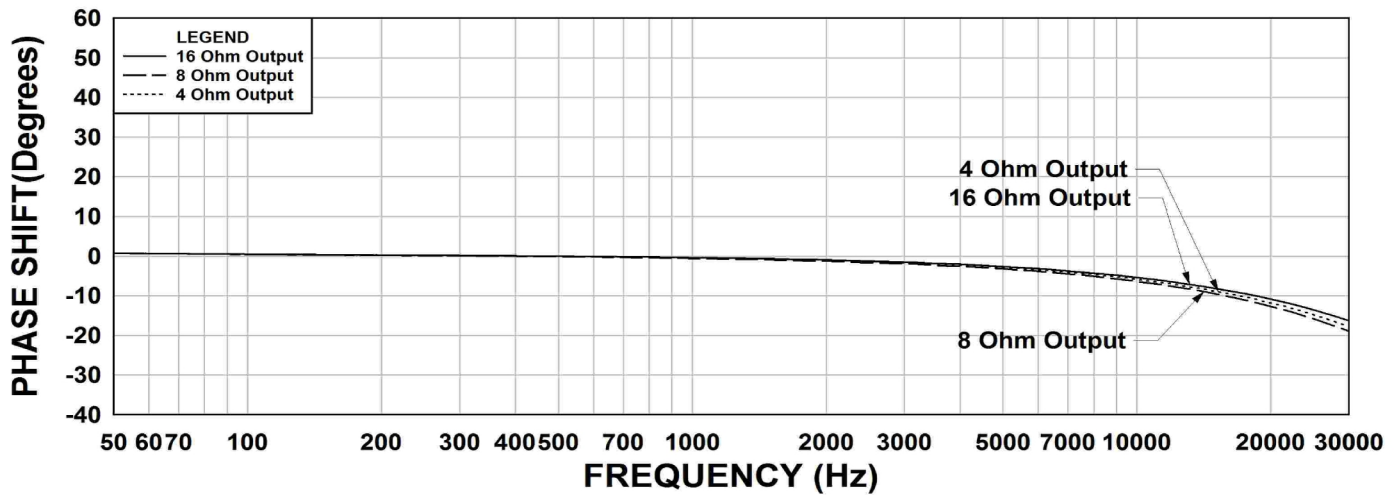
TYPICAL TEST CIRCUIT



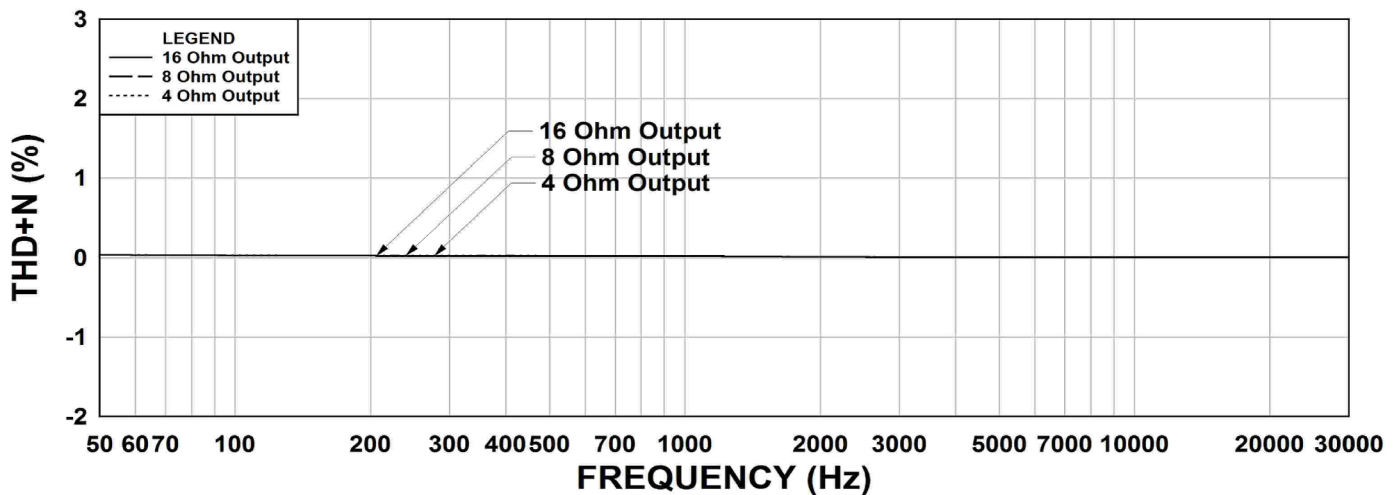
1750D Frequency Response RS = 2350 Ohm



1750D Phase Shift RS = 2350 Ohm



1750D THD+N RS = 2350 Ohm



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