

1750FA

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as Marshall¹ DSL15H (DSL-15 OPT)
- 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		7000 Ohms	
Output Impedance		8 & 16 Ohms	
Output Power		15 W	
DCR			
Primary Brown-Red		170.0 Ohms	
Primary Red-Blue		150.0 Ohms	
Secondary Black-Yellow		1.00 Ohm	
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue	87.2H	401K Ohm	
Secondary Black-Green	17.07mH	591.7 Ohm	
Secondary Black-Yellow	45.52mH	1.175K Ohm	
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Brown-Blue		28.96 mH	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	

TEST CONDITIONS

Measurement Instruments:

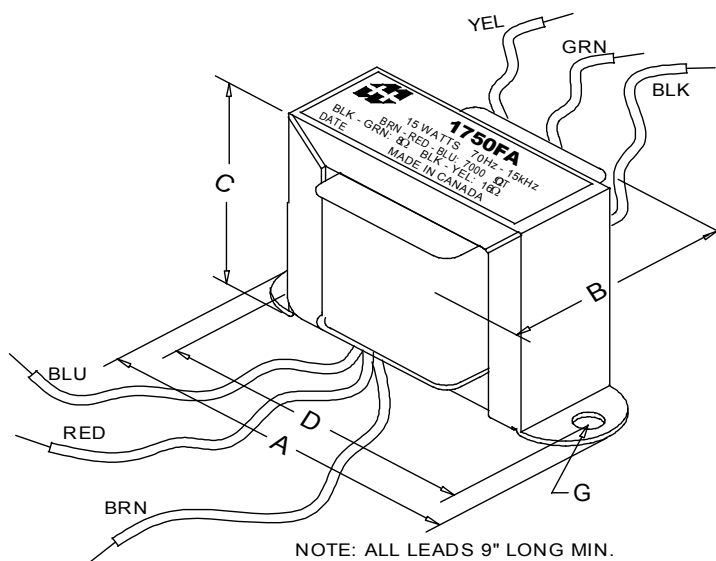
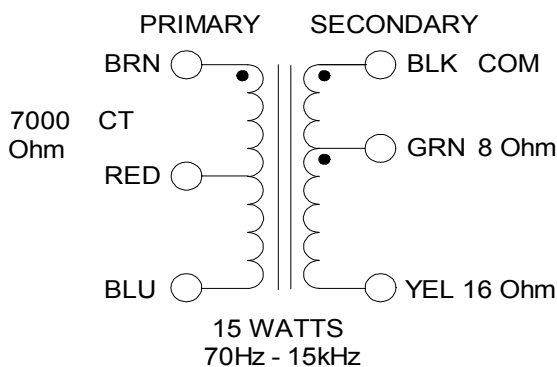
D scope series iii audio analyzer
Wayne Kerr 3255B with a 3265B

Keithley 2010 DVM

Hp4192a impedance analyzer

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

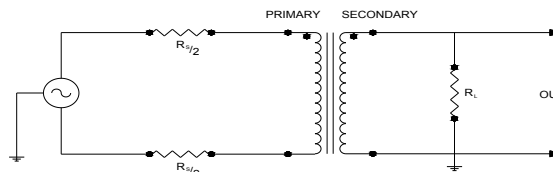
**The results are typical and are subject to normal manufacturing and electrical tolerances.

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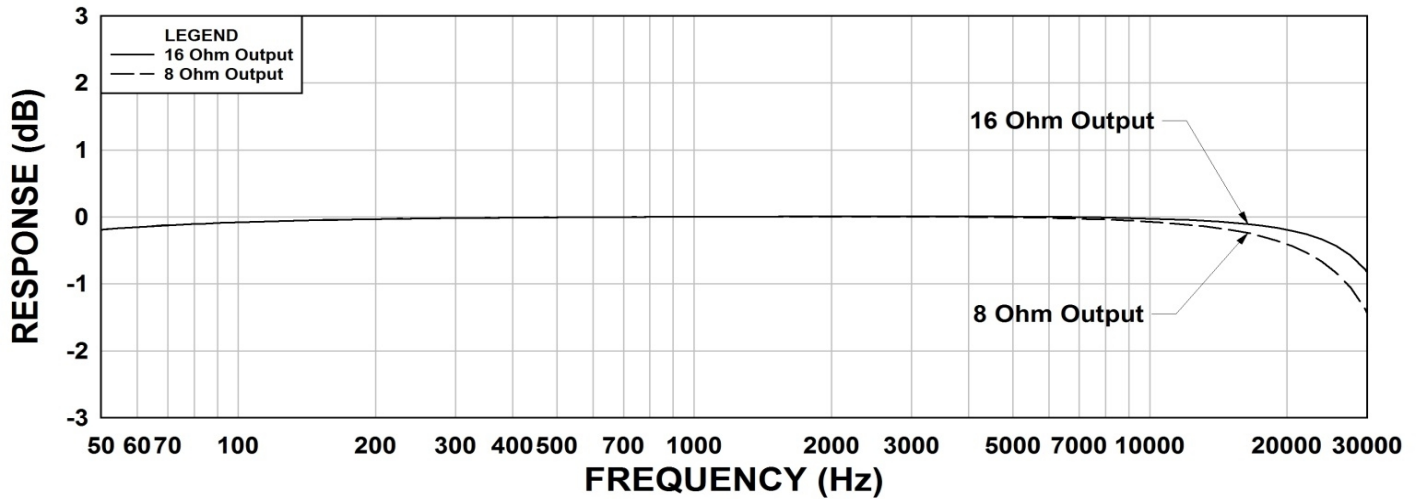
Dimensions

A	3.687" ±0.063	C	2.500" ±0.063	G	0.187" ±0.015
B	2.380" Max	D	3.125" ±0.063		

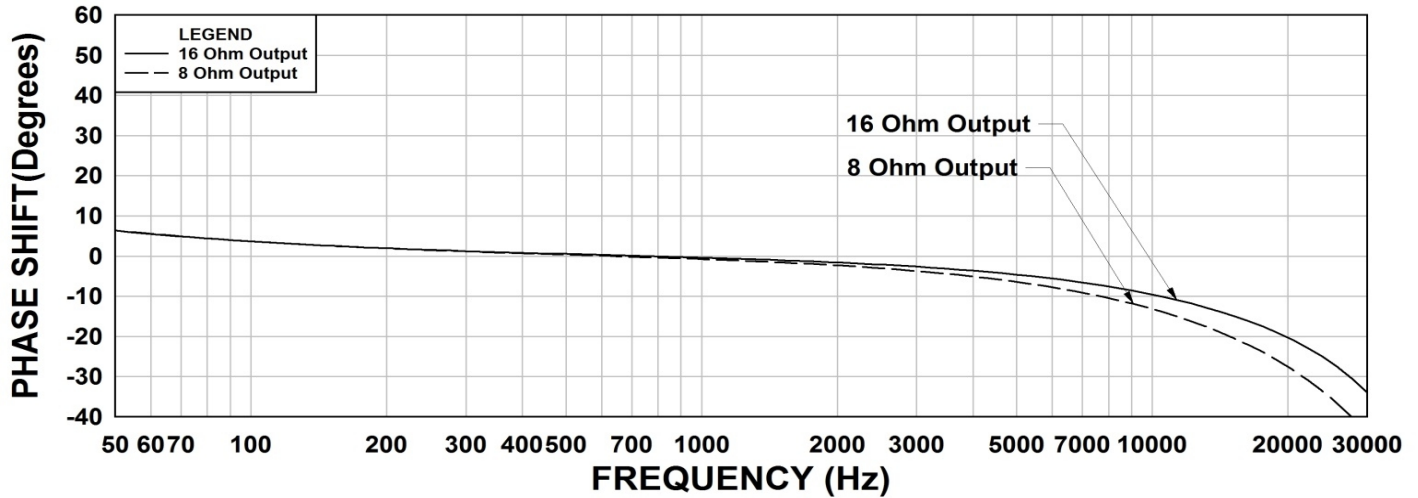
TYPICAL TEST CIRCUIT



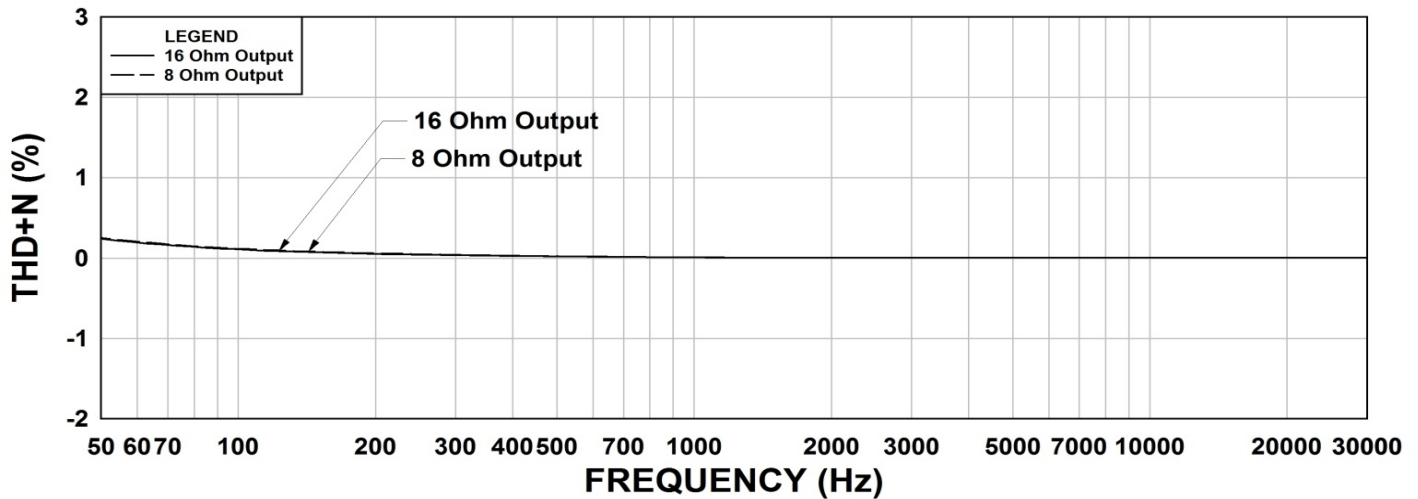
1750FA Frequency Response RS = 7K Ohms



1750FA Phase Shift RS = 7K Ohms



1750FA THD+N RS = 7K Ohms



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