

1750C

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/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz

ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		5000/8000 Ohms	
Output Impedance		3.2 Ohms	
Output Power		5W	
DCR			
Primary Red-Brown		255.84 Ohms	
Primary Brown-Blue		73.89 Ohms	
Secondary Black-Yellow		0.295 Ohm	
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC	
Primary Red-Brown	14.25H	84.12 KOhm	
Primary Red-Blue	20.42H	122.68 KOhm	
Secondary Black-Yellow	64.53 mH	154.90 Ohm	
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Red-Brown		54.28 mH	
Primary Red-Blue		74.48 mH	
Dielectric Strength		1500VRMS	
Temperature Range		-40 to 105 degC	

TEST CONDITIONS

Measurement instruments:

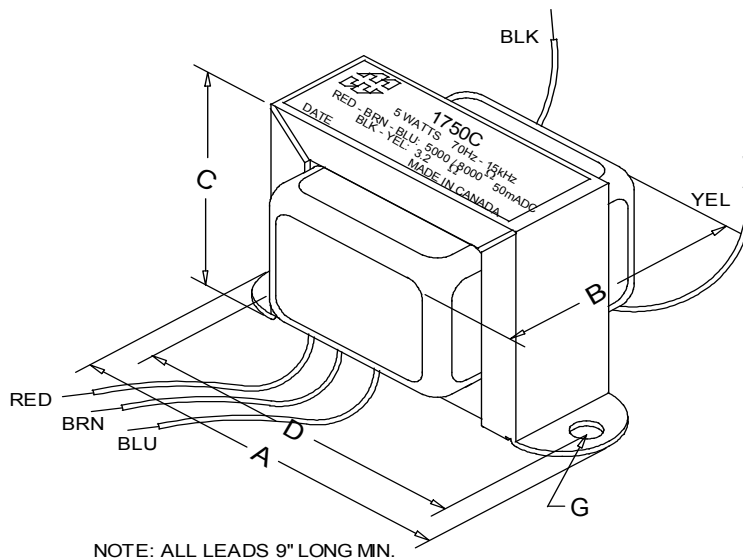
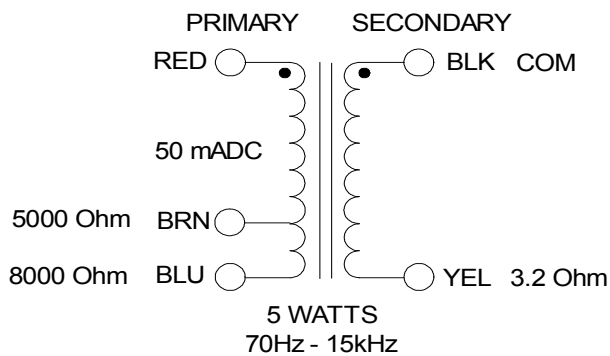
D scope series iii audio analyzer
Wayne Kerr 3255B with a 3265B

Keithley 2010 DVM

Hp4192a impedance analyzer

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

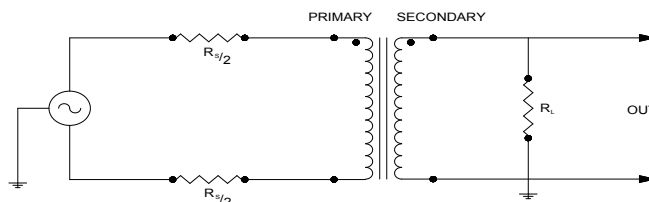
**The results are typical and are subject to normal manufacturing and electrical tolerances.



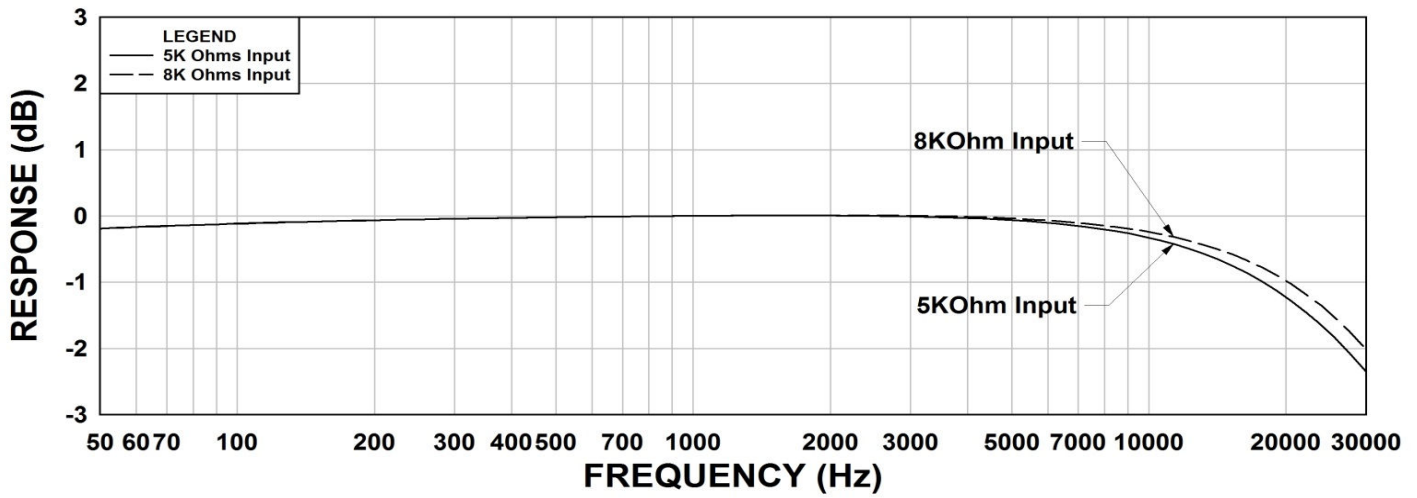
Dimensions

A	2.813" ±0.063	C	1.683" ±0.063	G	0.187" ±0.015
B	1.560" ±0.125	D	2.375" ±0.063		

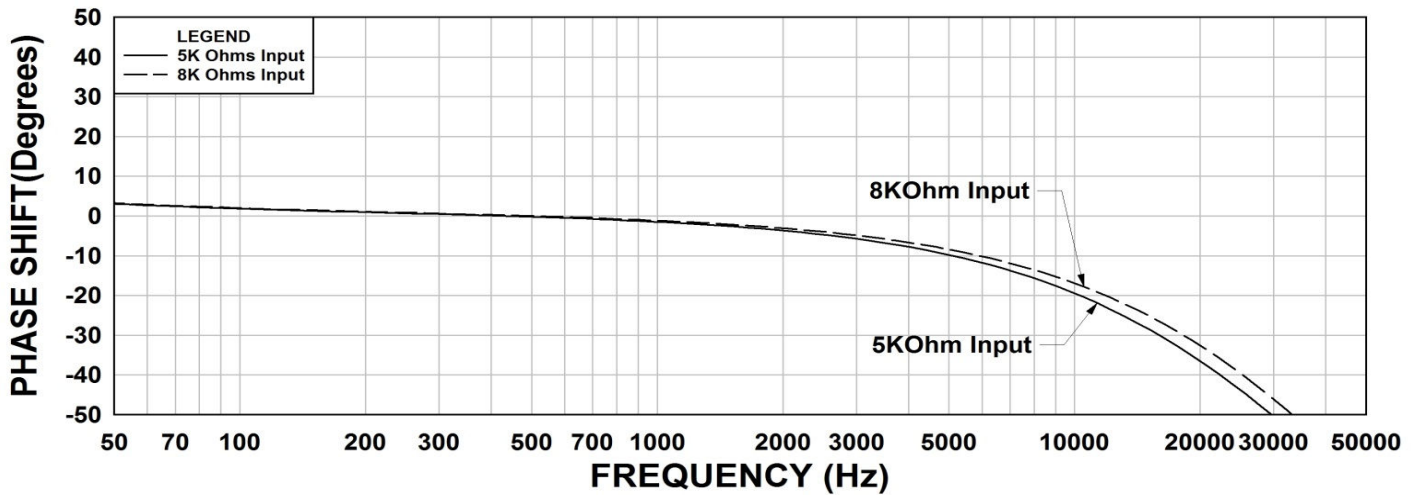
TYPICAL TEST CIRCUIT



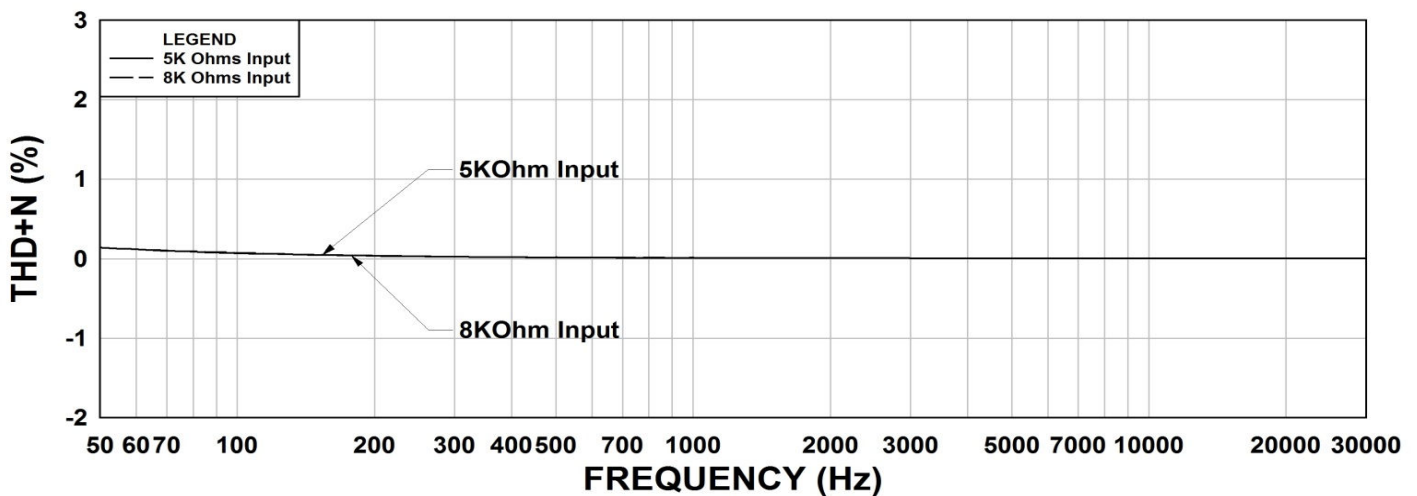
1750C Frequency Response $R_L = 3.2\ \Omega$



1750C Phase Shift $R_L = 3.2\ \Omega$



1750C THD+N $R_L = 3.2\ \Omega$



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