

# 1750Y

## TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as VOX<sup>1</sup> AC15 Vintage (P-TVO15)
- 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 18" 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		6200 Ohms
Output Impedance		8 Ohms
Output Power		15 W
<b>DCR</b>		
Primary White-Red		289.0 Ohms
Secondary Black-Green		0.480 Ohm
<b>Inductance</b>	<b>Impedance</b>	@ 1.0 kHz, 1.0 V OC
Primary White-Red	14.6H	92K Ohm
Secondary Black-Green	31.04mH	231.20 Ohm
<b>Leakage Inductance</b>		
		@ 1.0 kHz, 1.0 V SC
Primary White-Red	14.04 mH	
Dielectric Strength		2000VRMS
Temperature Range		-40 to 105 degC

### TEST CONDITIONS

Measurement instruments:

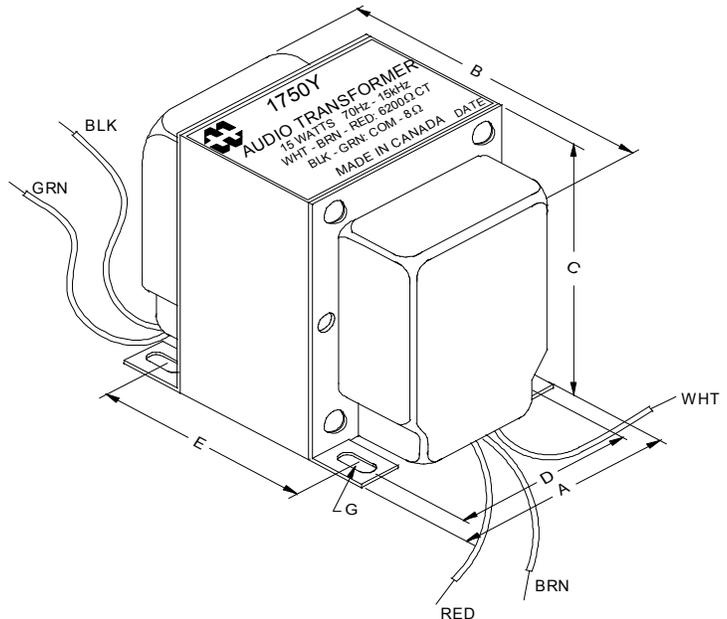
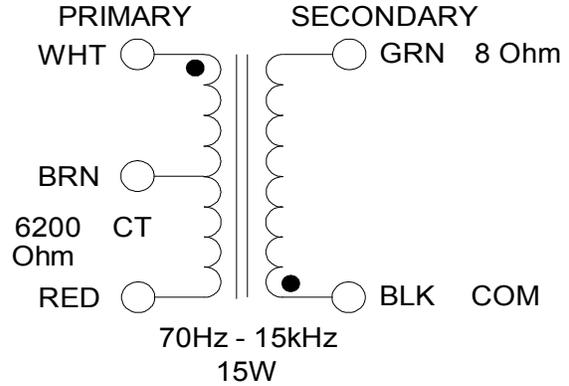
D scope series iii audio analyzer  
Wayne Kerr 3255B with a 3265B

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.

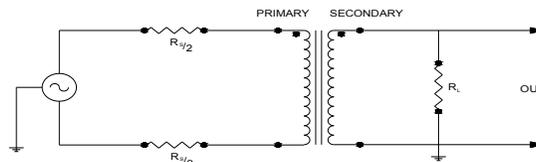
<sup>1</sup>DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.



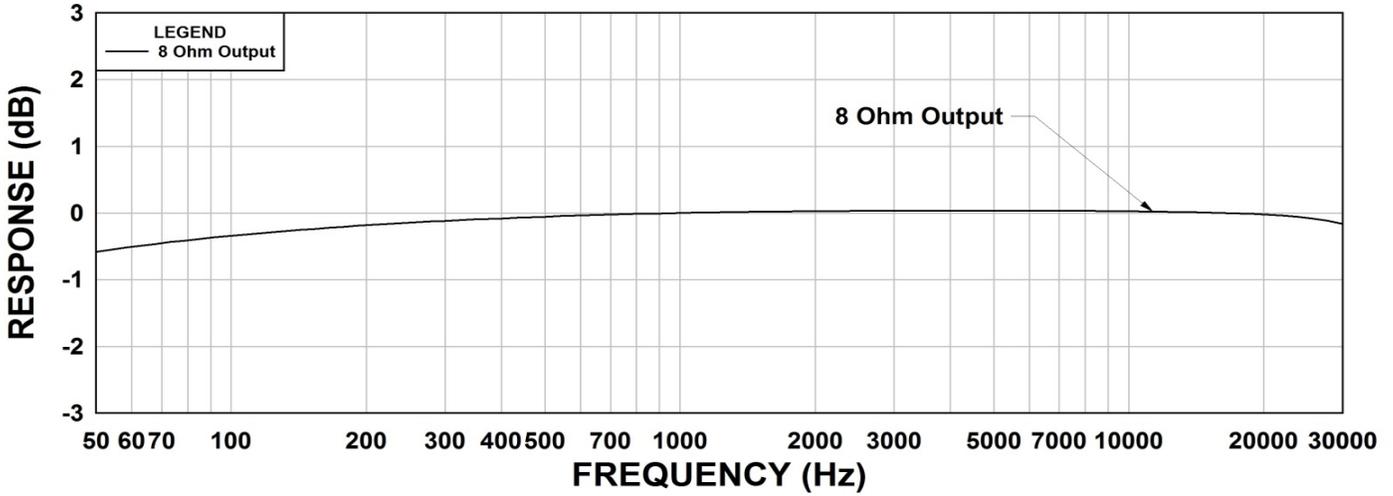
NOTE: ALL LEADS 18.0" OUT MIN., STRIPPED .5"

Dimensions			
A	2.500" ±0.063	C	3.060" ±0.063
B	3.328" ±0.125	D	1.875" ±0.063
E	2.376" ±0.063	G	0.185" X 0.370" ±0.015

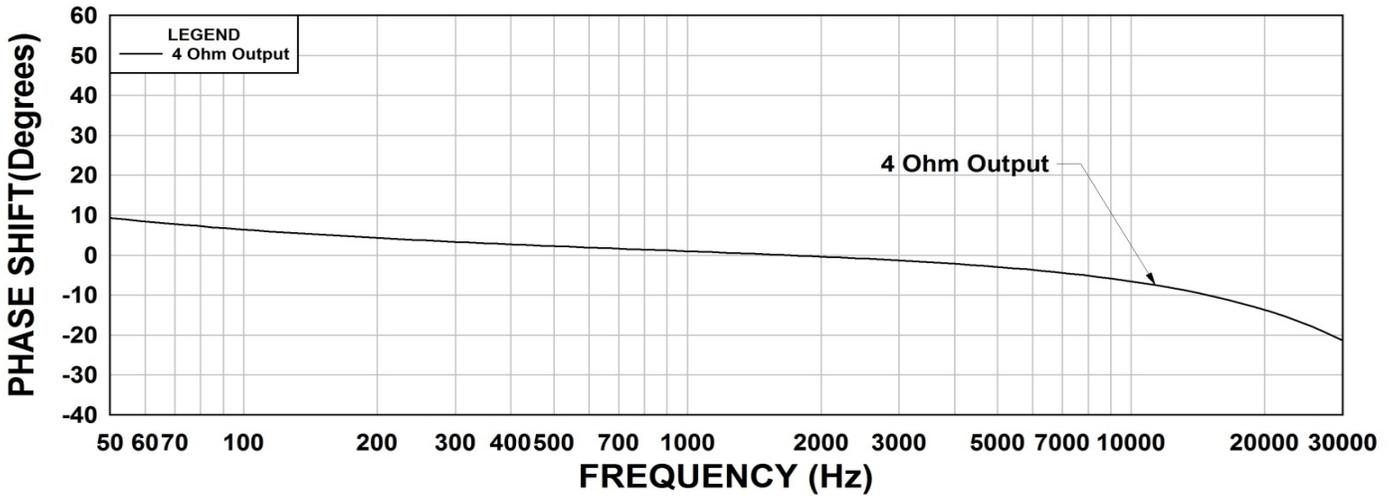
### TYPICAL TEST CIRCUIT



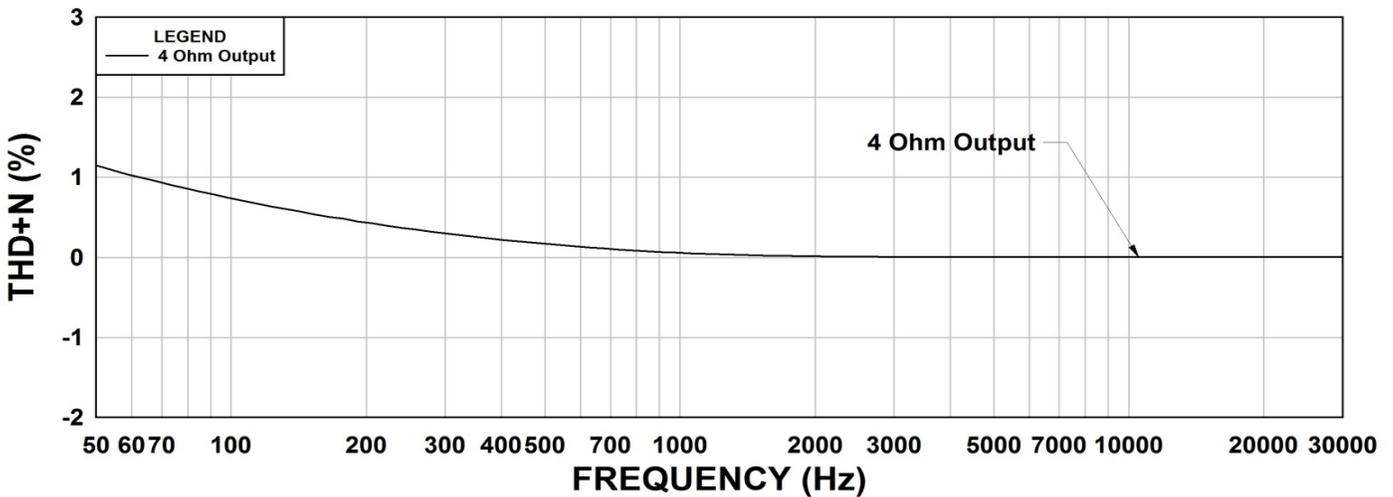
### 1750Y Frequency Response RS = 6200 Ohms



### 1750Y Phase Shift RS = 6200 Ohms



### 1750Y THD+N RS = 6200 Ohms



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