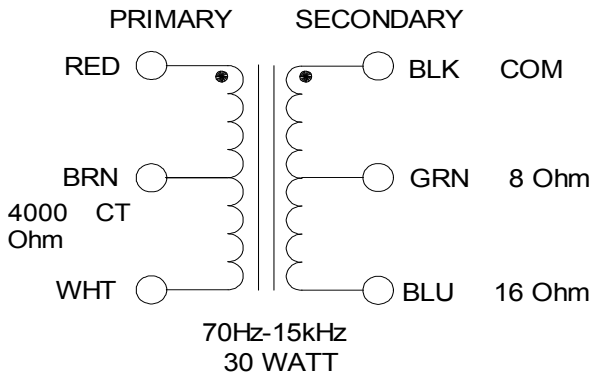
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

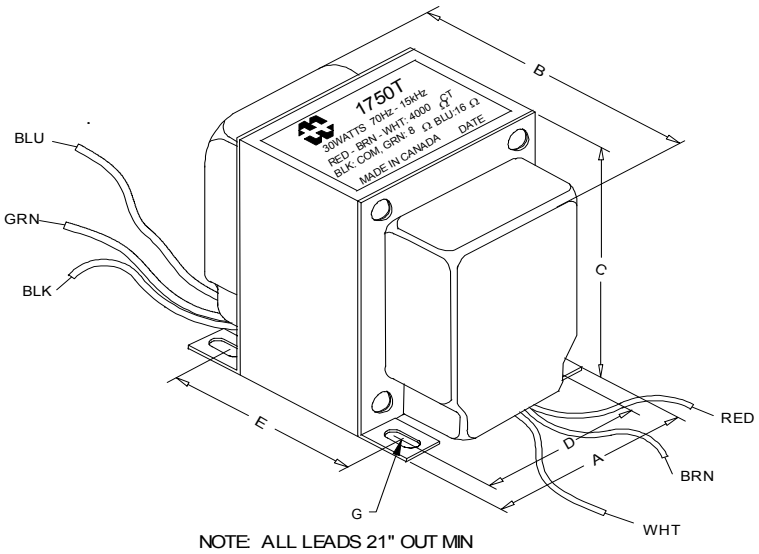
1750T

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as VOX[1] AC30 Reissue (P-TVO30R)
- 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 21" 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		4000 Ohms	
Output Impedance		8 & 16 Ohms	
Output Power		30 W	
DCR			
Primary Red-Brown		54.00 Ohms	
Primary Brown-White		60.00 Ohms	
Secondary Black-Blue		0.520 Ohm	
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC	
Primary Red-White		15.2H	102K Ohm
Secondary Black-Green		37.45mH	336.1 Ohm
Secondary Black-Blue		70.66mH	604.2 Ohm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Red-White		4.61 mH	
Dielectric Strength		2000VRMS	
Temperature Range		-40 to 105 degC	



NOTE: ALL LEADS 21" OUT MIN

Dimensions					
A	3.125" ±0.063	C	3.800" ±0.063	E	2.438" ±0.063
B	3.300" ±0.125	D	2.500" ±0.063	G	0.188" X 0.406" ±0.015

TEST CONDITIONS

Measurement instruments:

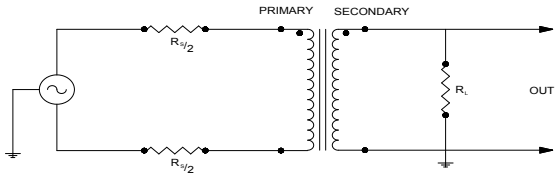
D scope series iii audio analyzer — Keithley 2010 DVM

Wayne Kerr 3255B with a 3265B — Hp4192a impedance analyzer

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

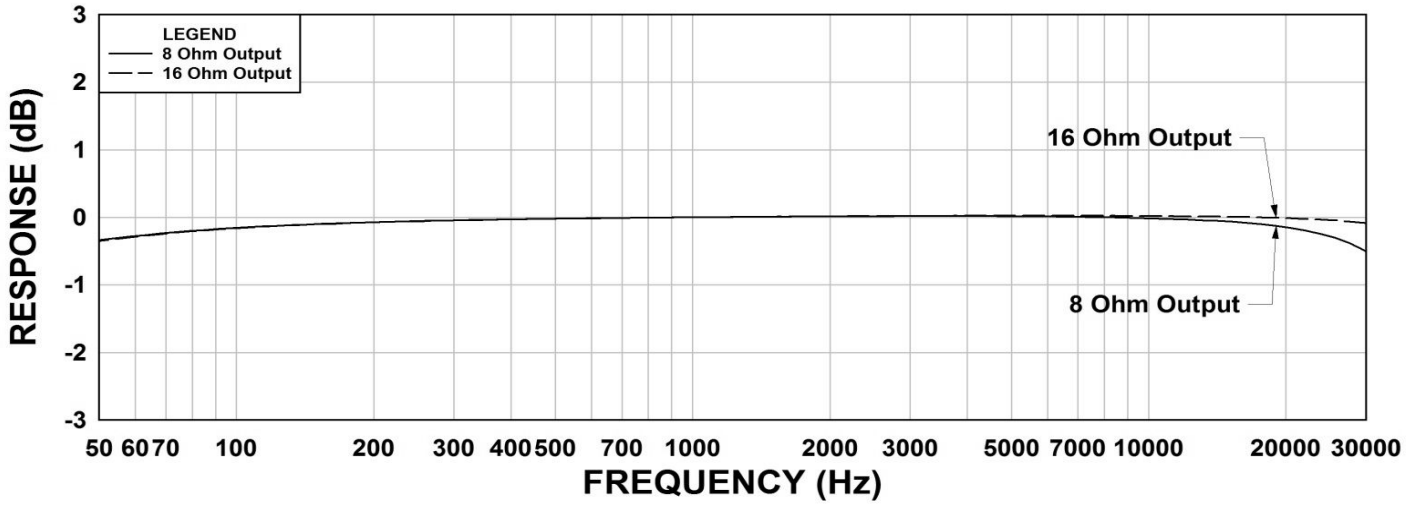
**The results are typical and are subject to normal manufacturing and electrical tolerances.

TYPICAL TEST CIRCUIT

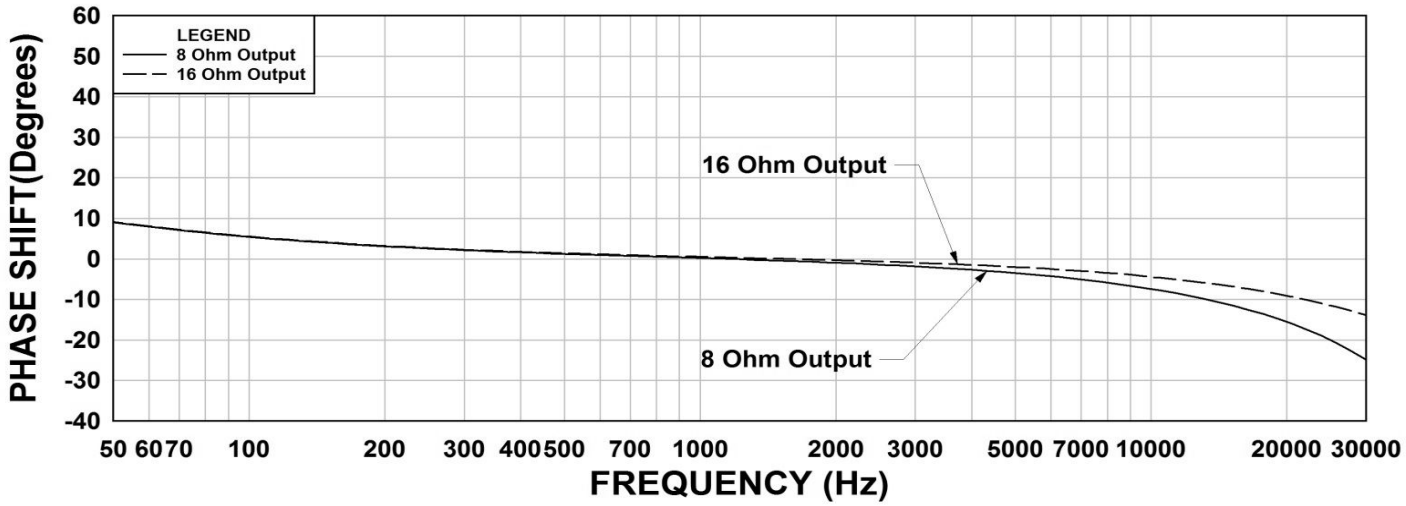


[1]DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.

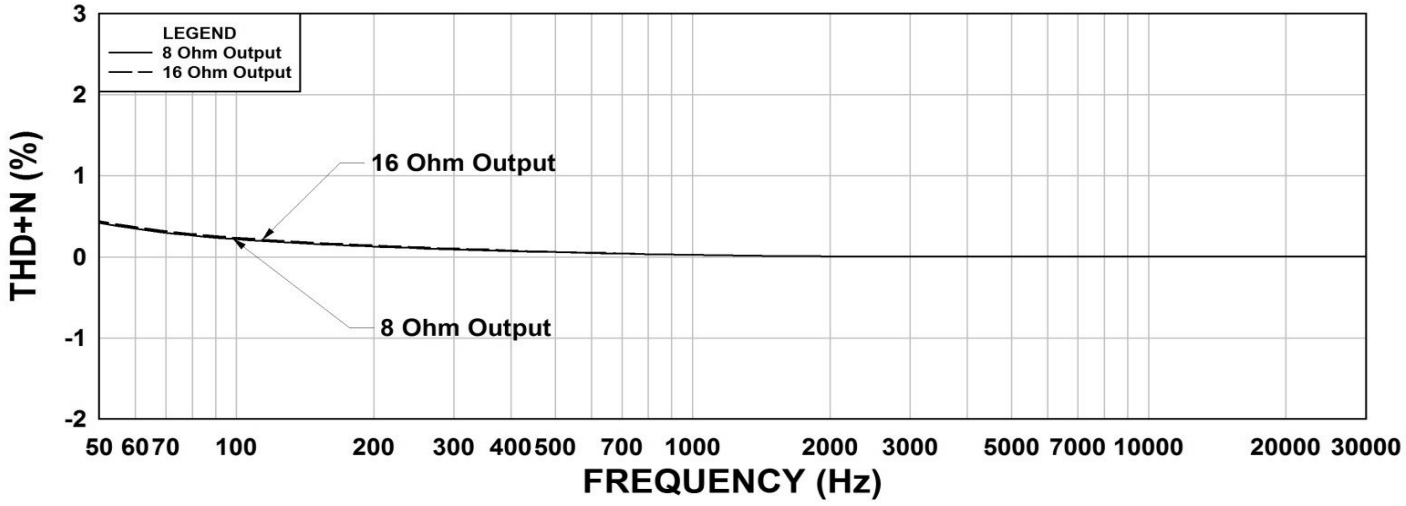
1750T Frequency Response RL = 4K Ohms



1750T Phase Shift RL = 4K Ohms



1750T THD+N RL = 4K Ohms



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