

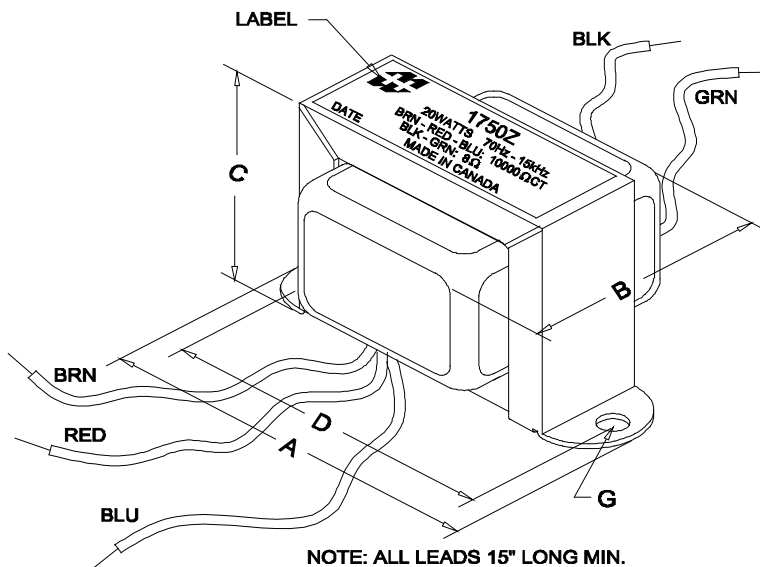
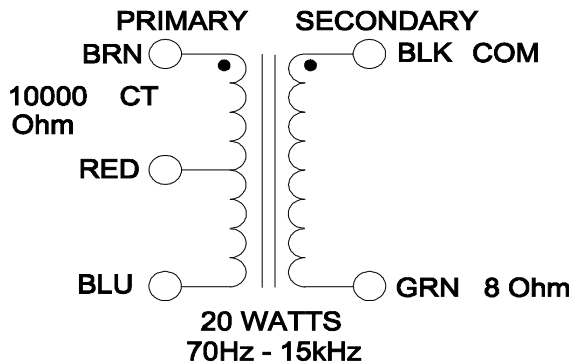
# 1750Z

## TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as Traynor<sup>1</sup> Bass Mate YBA-2 (A1313 )
- 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 15" 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		10000 Ohms
Output Impedance		8 Ohms
Output Power		20 W
<b>DCR</b>		
Primary Brown-Red		608.7 Ohms
Primary Red-Blue		651.5 Ohms
Secondary Black-Green		0.706 Ohm
<b>Inductance</b>	<b>Impedance</b>	@ 60Hz, 10.0 V OC
Primary Brown-Blue		164H 64.0 KOhm
<b>Leakage Inductance</b>		
Primary Blue-Brown		141.8mH
<b>Dielectric Strength</b>		
		2000VRMS
<b>Temperature Range</b>		-40 to 105 degC



Dimensions					
A	3.688" ±0.063	C	2.308" ±0.063		
B	2.400" ±0.125	D	3.125" ±0.063	G	0.187" ±0.015

### TEST CONDITIONS

Measurement instruments:

D scope series iii audio analyzer

Wayne Kerr 3255B with a 3265B

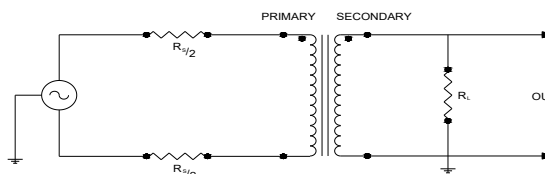
Keithley 2010 DVM

Hp4192a impedance analyzer

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

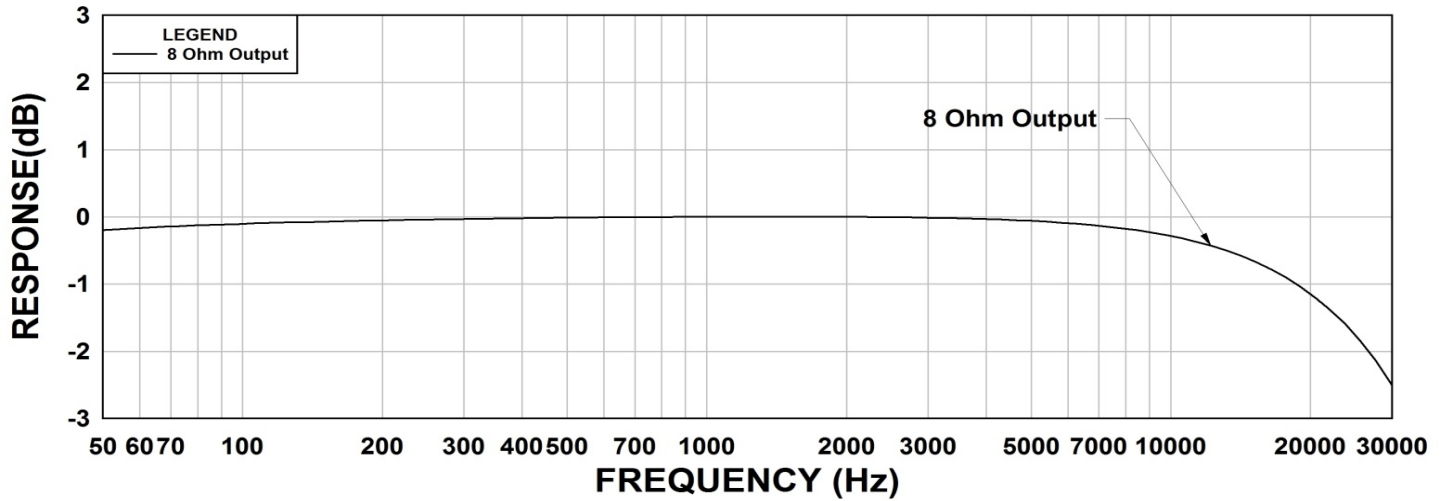
\*\*The results are typical and are subject to normal manufacturing and electrical tolerances.

### TYPICAL TEST CIRCUIT

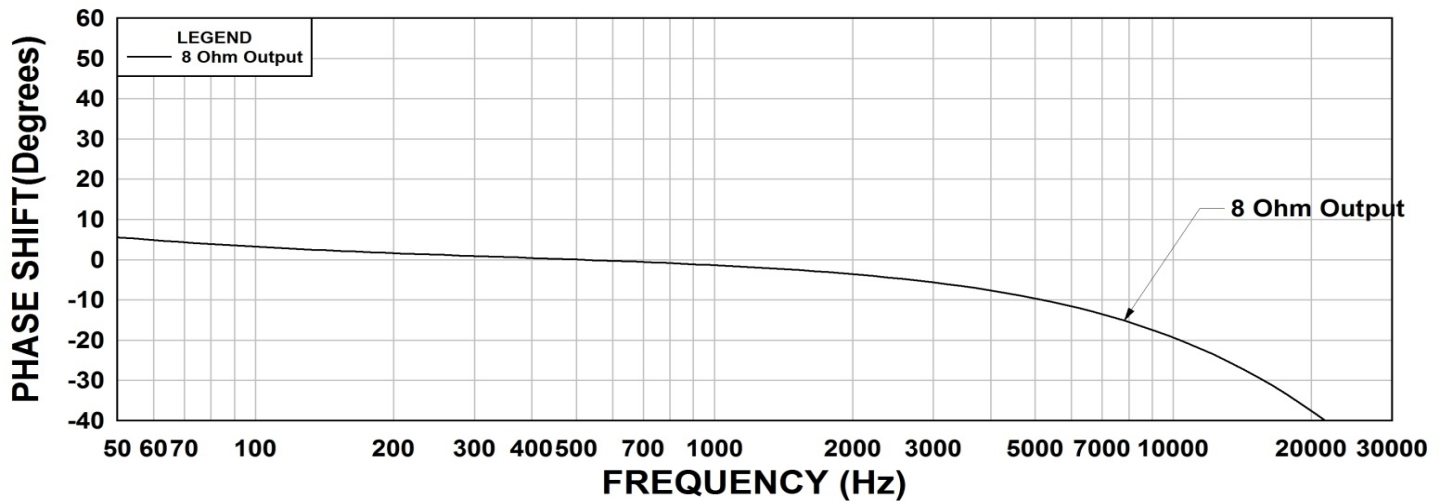


<sup>1</sup>DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.

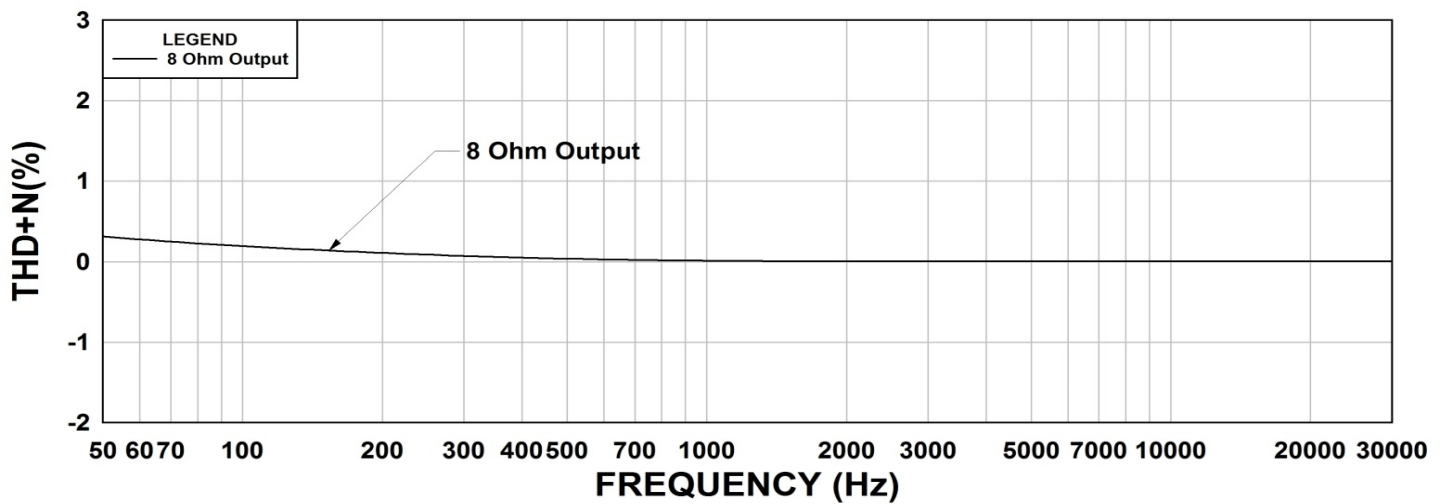
### 1750Z Frequency Response RS = 10K Ohms



### 1750Z Phase Shift RS = 10K Ohms



### 1750Z THD+N RS = 10K Ohms



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