



Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

# 1750S

## TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as Traynor<sup>1</sup> Base Mate YBA-2B (A1339)
- 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 12" long primary and secondary leads
- Frequency response 50Hz - 12KHz (0/-4dB reference @ 1KHz)
- Distortion is less than 1% @ 50Hz

### ELECTRICAL SPECIFICATIONS

Characteristics		Typical	
Input Impedance		5100 Ohms	
Output Impedance		8 Ohms	
Output Power		25 W	
DCR			
Primary Brown-Blue		380.0 Ohms	
Secondary Black-Green		0.751 Ohm	
Inductance	Impedance	@ 60Hz, 10.0 V OC	
Primary Blue-Brown		56.4H	23.4 KOhm
Leakage Inductance		@ 60Hz, 10.0 V SC	
Primary Blue-Brown		11.37 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

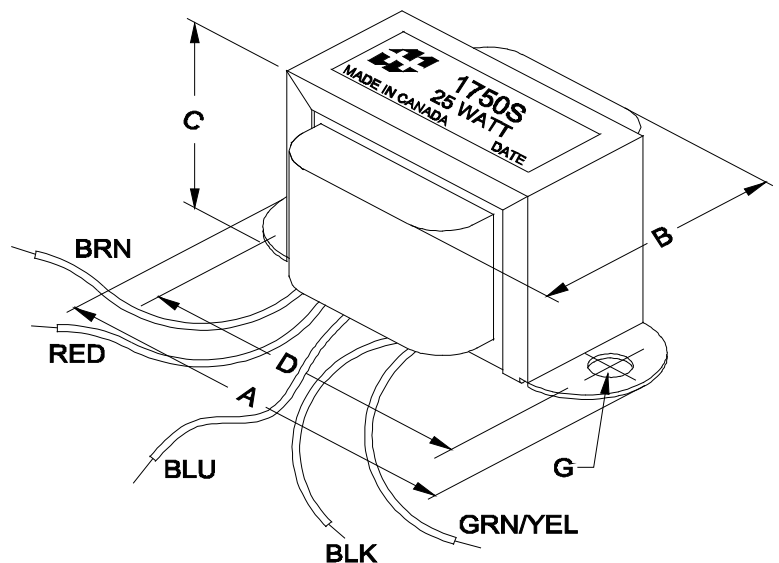
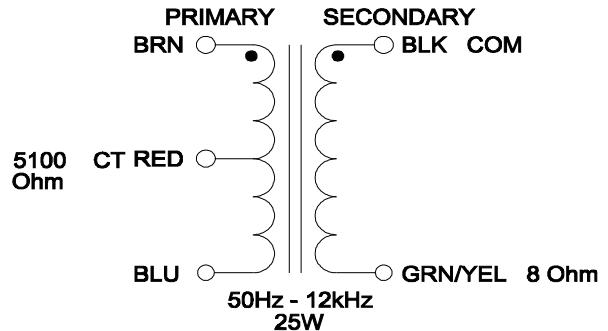
Keithley 2010 DVM

Hp4192a impedance analyzer

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

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

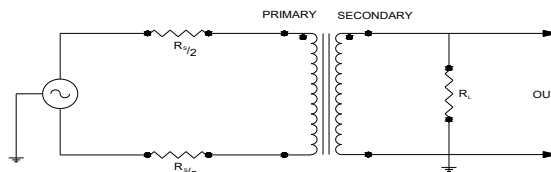
<sup>1</sup>DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.



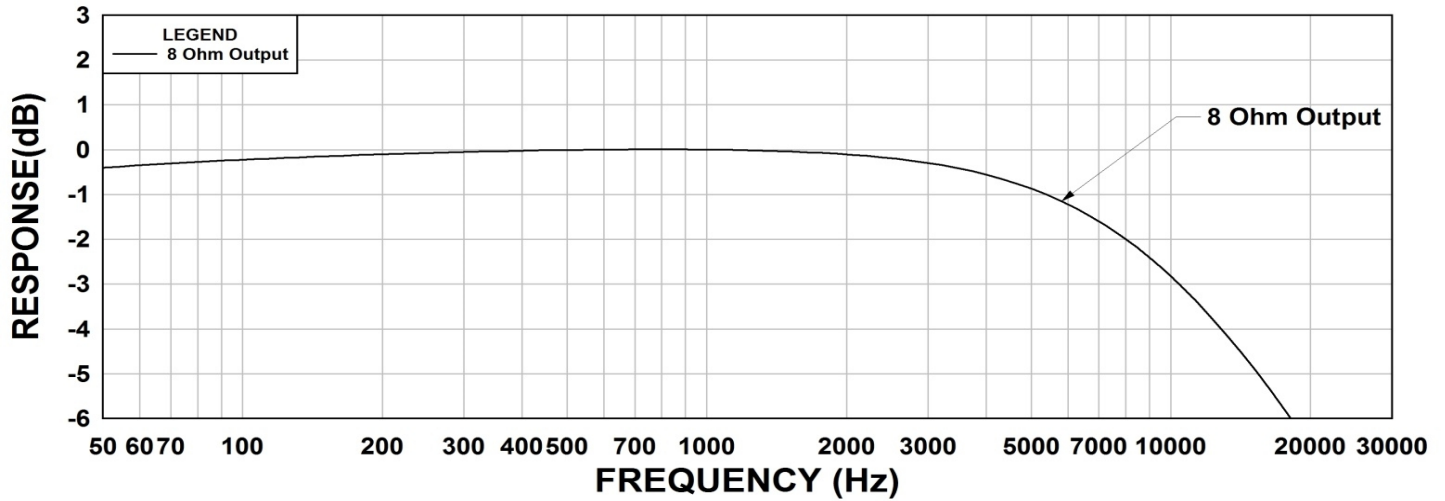
NOTE: ALL LEADS ARE 12" LONG MIN. OUT.

Dimensions					
A	3.688" ±0.063	C	2.308" ±0.063		
B	2.120" MAX	D	3.125" ±0.063	G	0.187" ±0.015

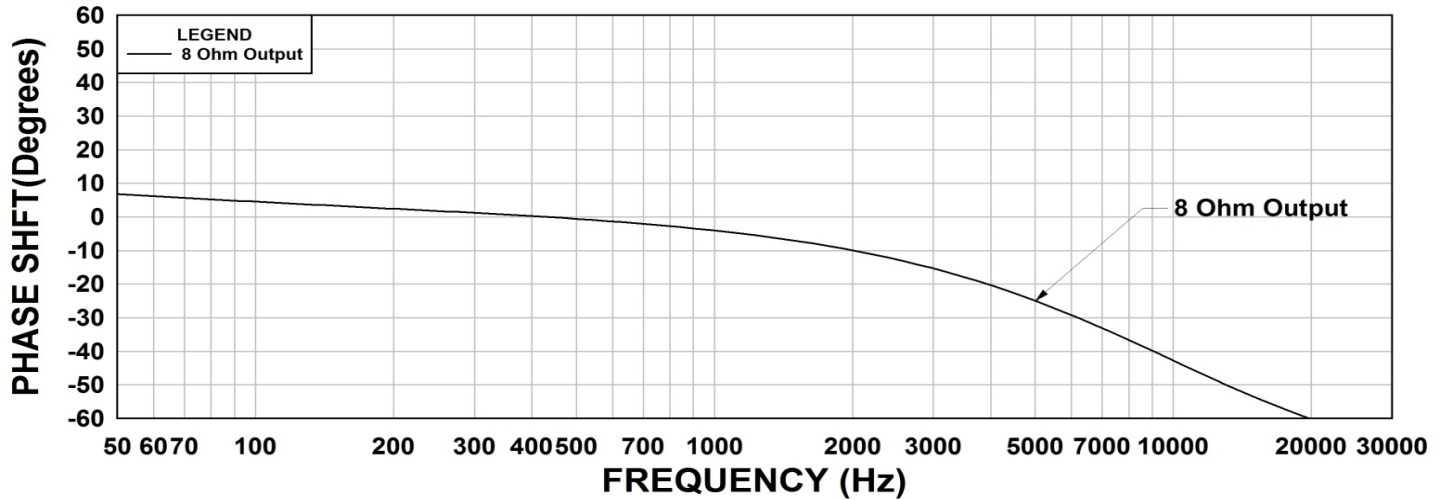
### TYPICAL TEST CIRCUIT



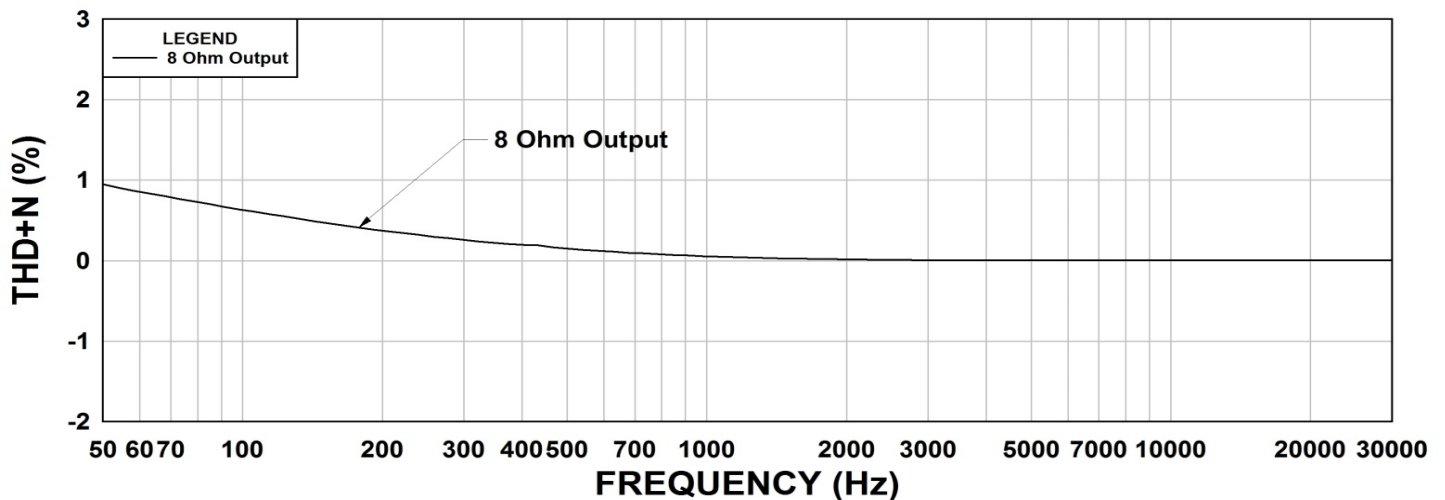
### 1750S Frequency Response RS = 5100 Ohms



### 1750S Phase Shift RS = 5100 Ohms



### 1750S THD+N RS = 5100 Ohms



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