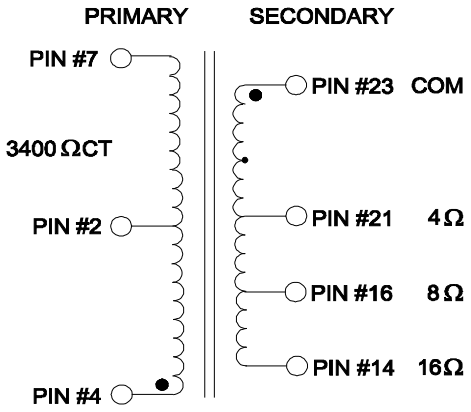
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

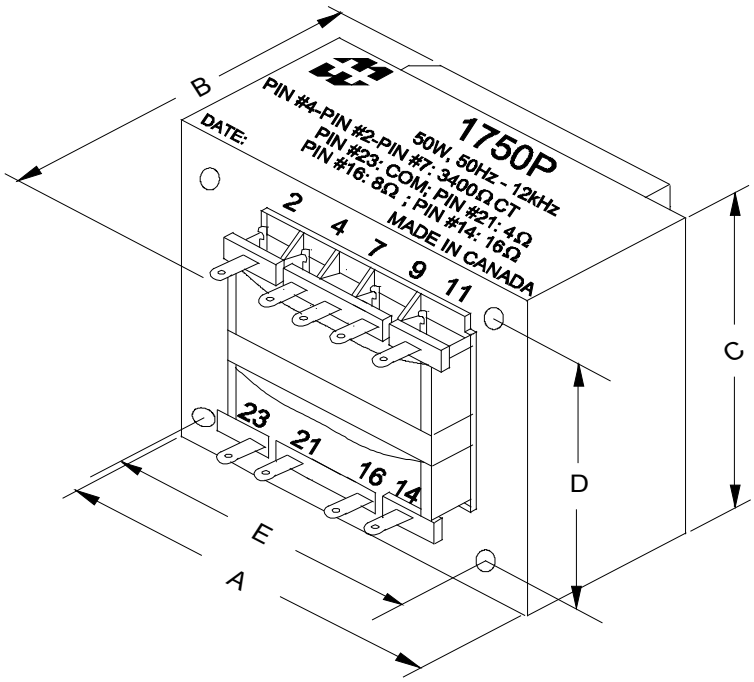
1750P

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as Marshall[1] JMP, JCM 800 (P-TM0100)
- 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".
- Frequency response 50Hz - 12KHz (0/-1dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS		
Characteristics	**Typical**	
Input Impedance	3400 Ohms	
Output Impedance	4, 8 & 16 Ohms	
Output Power	50 W	
DCR		
PIN#4-7	82.25Ohms	
PIN#4-2	40.70Ohms	
PIN#2-7	41.47Ohms	
PIN#23-21	0.351Ohm	
PIN#23-16	0.506Ohm	
PIN#23-14	0.725Ohm	
Inductance **Impedance**	@ 60Hz, 10 V OC	
PIN#4-7	22.65H	8.62K Ohm
Leakage Inductance	@ 60Hz, 10 V SC	
Primary Blue-Red	10.30 mH	
Dielectric Strength	2250VRMS	
Temperature Range	-40 to 105 degC	



Dimensions					
A	3.760" ±0.063	C	3.130" ±0.063	E	3.128" ±0.063
B	3.090" ±0.125	D	2.500" ±0.063		

TEST CONDITIONS

Measurement instruments:

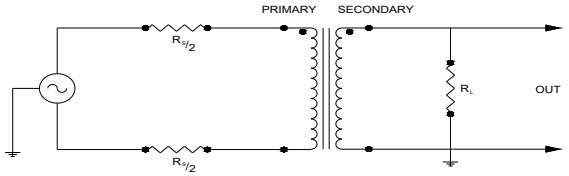
D scope series iii audio analyzer — Keithley 2010 DVM

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

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

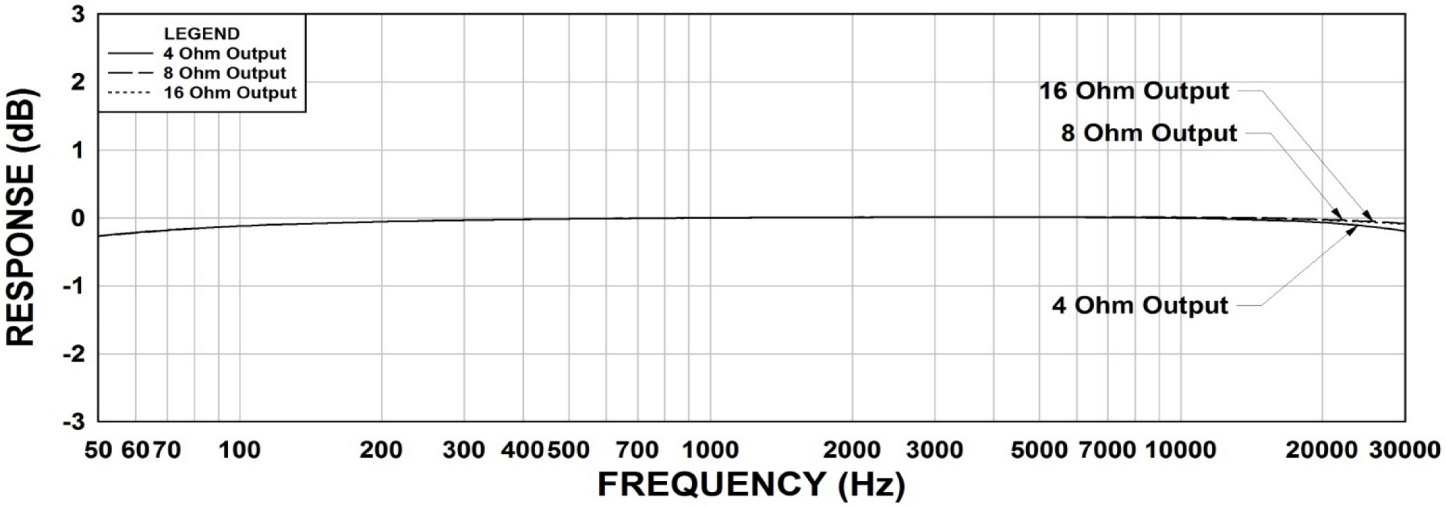
**The results are typical and are subject to normal manufacturing and electrical tolerances.

TYPICAL TEST CIRCUIT

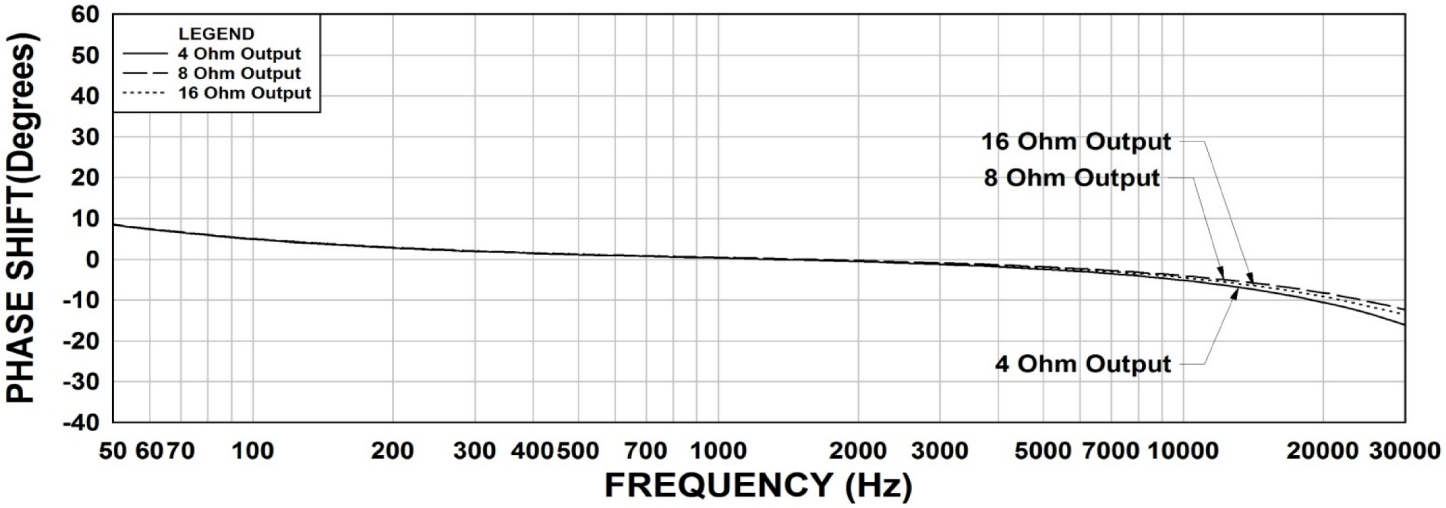


[1]DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.

1750P Frequency Response RS = 3400 Ohms



1750P Phase Shift RS = 3400 Ohms



1750P THD+N RS = 3400 Ohms