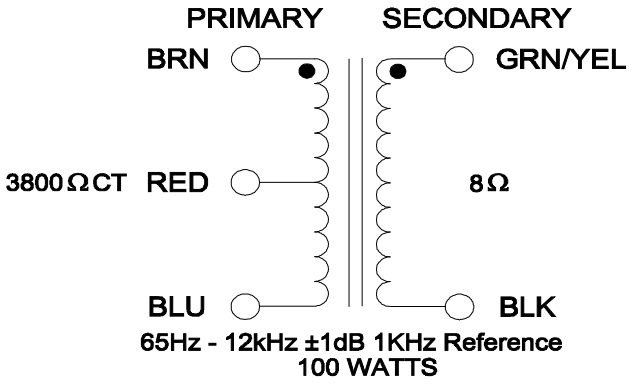
Hammond Mfg. Co. Ltd., Electronics Division

www.hammfg.com

1750RA

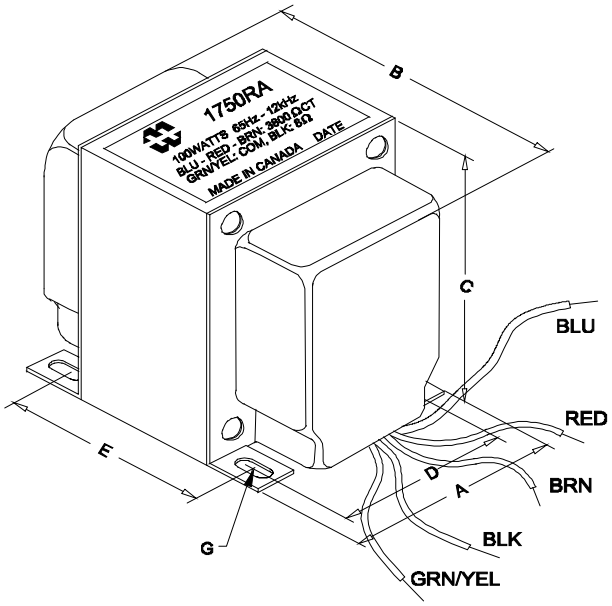
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as Yorkville Sound/Traynor A-1303 (Bassmaster YBA-1A)
- 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 65Hz - 12KHz (±1dB@1KHz reference)
- Distortion is less than 1% @ full frequency range



65Hz - 12kHz ±1dB 1KHz Reference
100 WATTS

ELECTRICAL SPECIFICATIONS			
Characteristics		**Typical**	
Input Impedance		3800 Ohms	
Output Impedance		8 Ohms	
Output Power		100 W	
DCR			
Primary Blue-Red		48.52 Ohms	
Primary Red-Brown		44.05 Ohm	
Secondary Blk-Grn/Yel		250mOhm	
Inductance	**Impedance**	@ 1.0 kHz, 1.0 V OC	
Primary Blue-Brown		14H	93K Ohm
Secondary Blk-Grn/Yel		38.77mH	280.3 Ohm
Leakage Inductance		@ 1.0 kHz, 1.0 V SC	
Primary Blue-Brown		27.08 mH	
Dielectric Strength		2500VRMS	
Temperature Range		up to 105 degC	



NOTE: ALL LEADS 15" OUT MIN., STRIPPED .5"

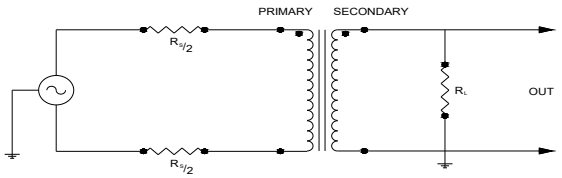
Dimensions					
A	3.125" ±0.063	C	3.796" ±0.063	E	2.438" ±0.063
B	3.686" ±0.125	D	2.500" ±0.063	G	0.203 X 0.400 " ±0.015

TEST CONDITIONS

Measurement instruments:
D scope series iii audio analyzer Keithley 2010 DVM
Wayne Kerr 3255B with a 3265B

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

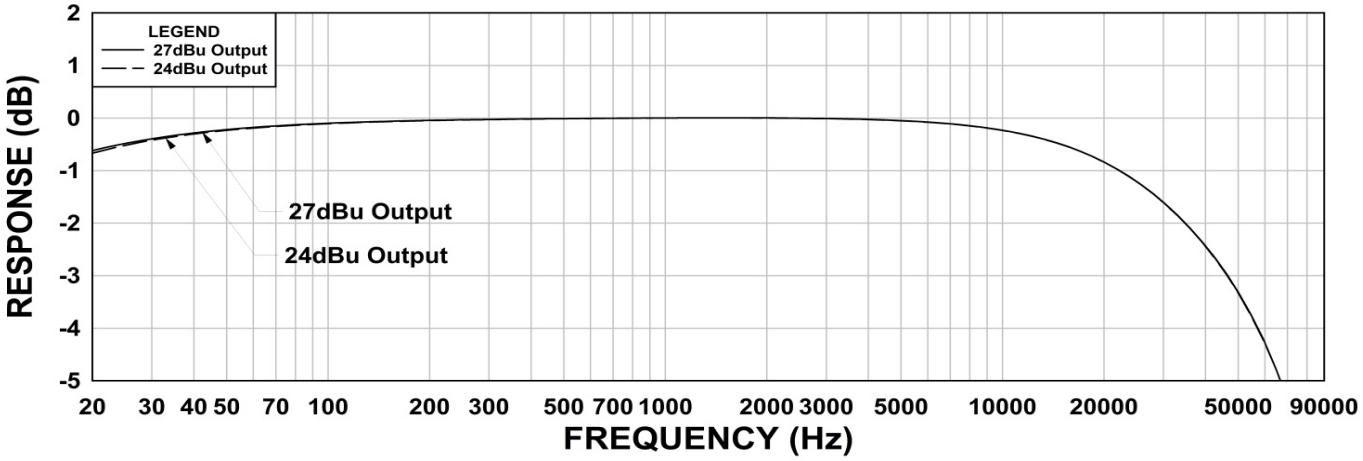
TYPICAL TEST CIRCUIT



[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.

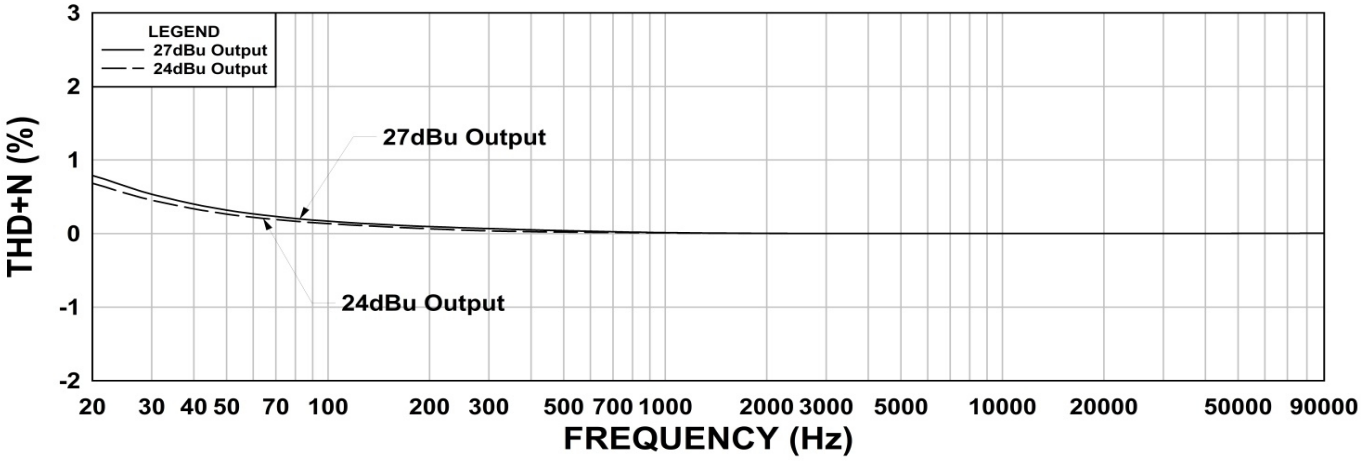
1750RA Frequency Response

RS = 3800 Ohm RL = 8 Ohm @1KHz Reference



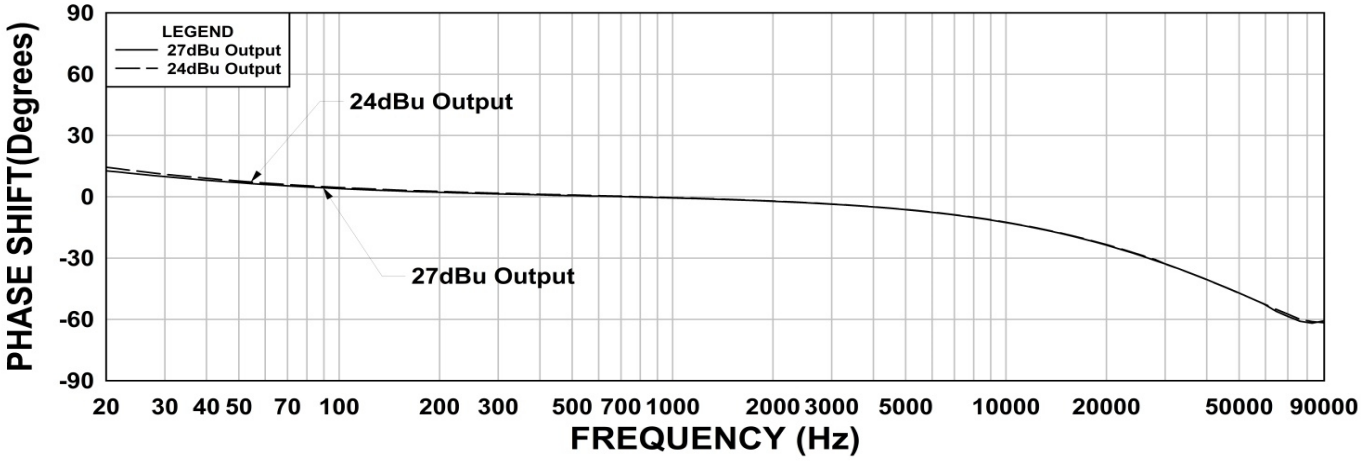
1750RA THD+N

RS = 3800 Ohm RL = 8 Ohm @1KHz Reference



1750RA Phase Shift

RS = 3800 Ohm RL = 8 Ohm @1KHz Reference



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