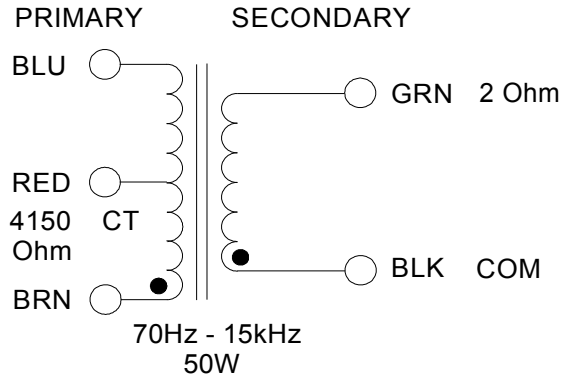


1750KA

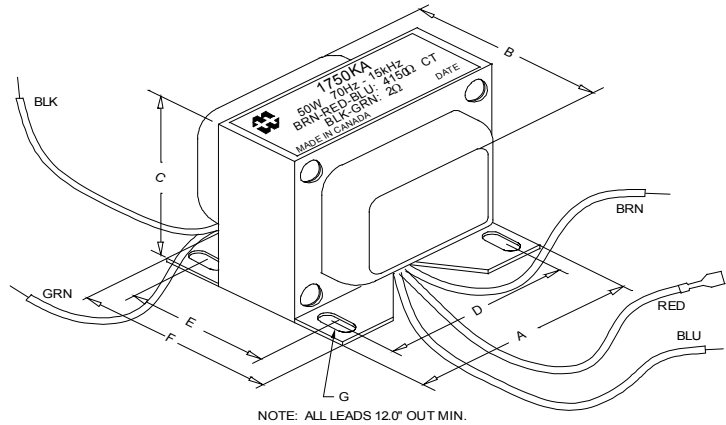
TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- 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 70Hz - 15KHz
(0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS

Characteristics	Typical
Input Impedance	4150 Ohms
Output Impedance	2 Ohms
Output Power	50 W
DCR	
Primary Brown-Red	45.53 Ohms
Primary Red-Blue	49.09 Ohms
Secondary Black-Green	0.140 Ohm
Inductance Impedance @ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue	11.3H 71 KOhm
Secondary Black-Green	4.20mH 162.10 Ohm
Leakage Inductance @ 1.0 kHz, 1.0 V SC	
Primary Brown-Blue	5.16mH
Dielectric Strength 2000VRMS	
Temperature Range	-40 to 105 degC



Dimensions					
A	4.050" ±0.063	D	3.500" ±0.063	G	0.187" X 0.300"
B	3.280" ±0.125	E	2.050" ±0.063		±0.015
C	3.500" ±0.063	F	2.570" ±0.063		

TEST CONDITIONS

Measurement instruments:

 D scope series iii audio analyzer
 Wayne Kerr 3255B with a 3265B

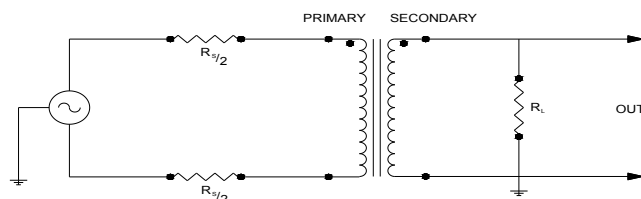
Keithley 2010 DVM

Hp4192a impedance analyzer

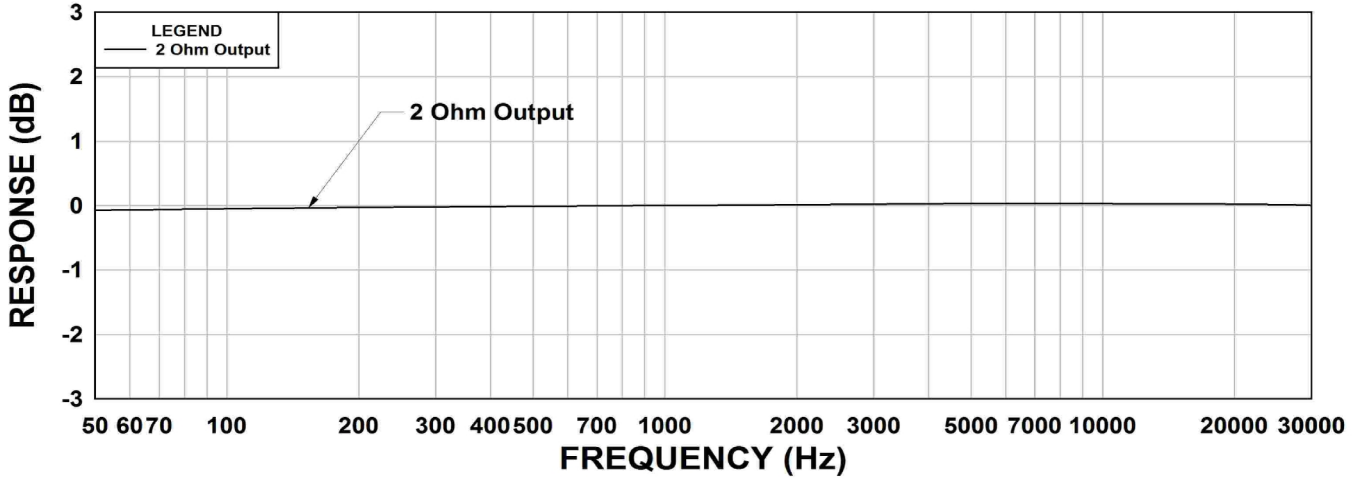
* All graphs input level 27dBu @1.0KHz reference.

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

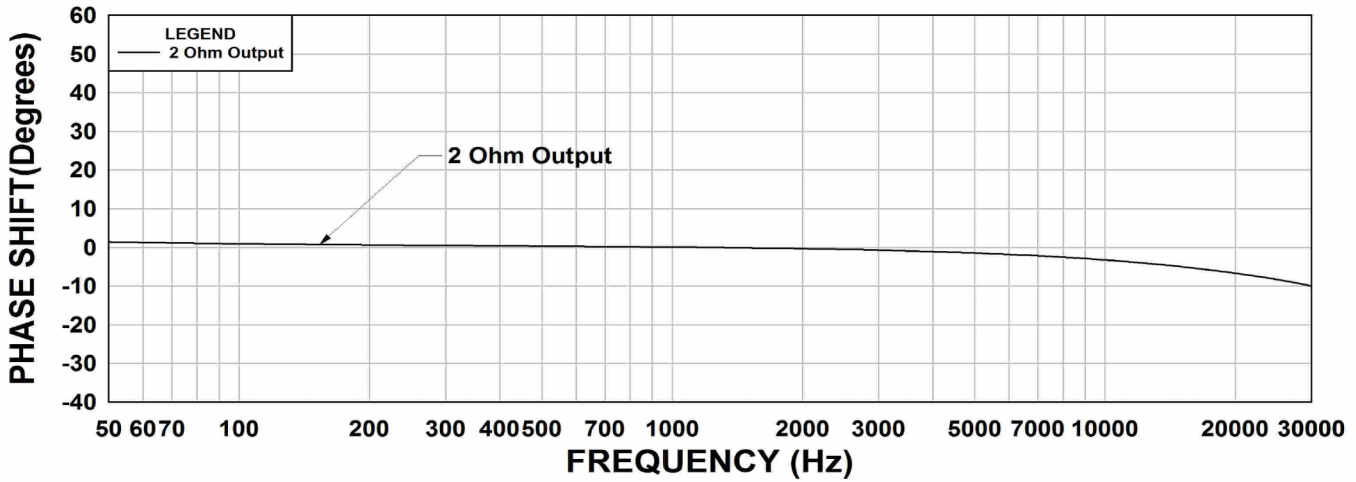
TYPICAL TEST CIRCUIT



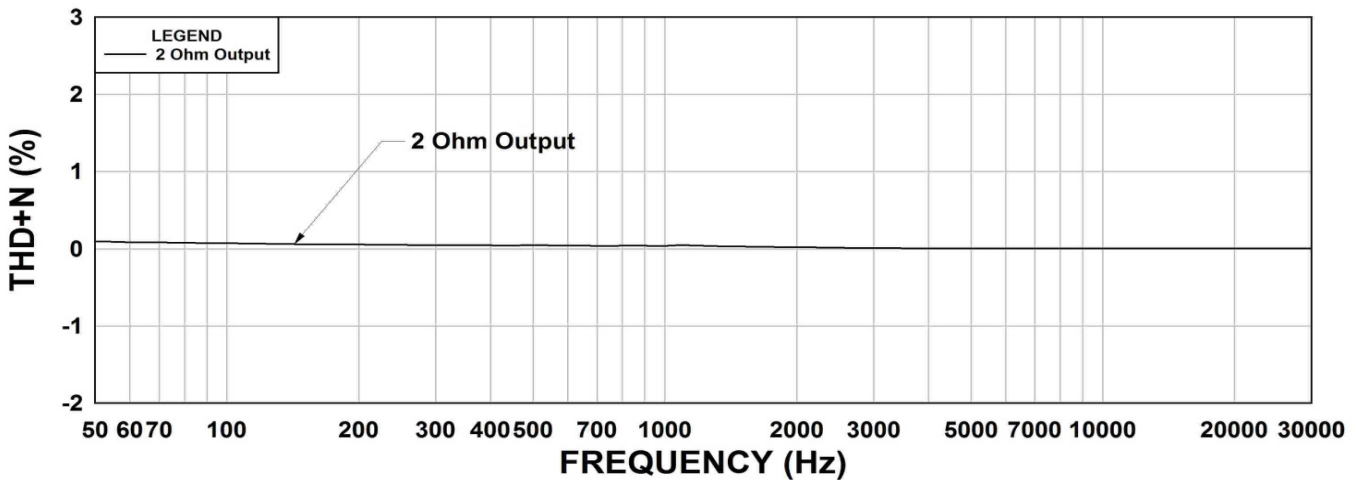
1750KA Frequency Response RS = 4150 Ohm



1750KA Phase Shift RS = 4150 Ohm



1750KA THD+N RS = 4150 Ohm



This drawing and the information in it is the property of Hammond Manufacturing. It may not be reproduced, transmitted or used in any manner whatsoever without the written permission of Hammond Manufacturing. Data subject to change without notice.