

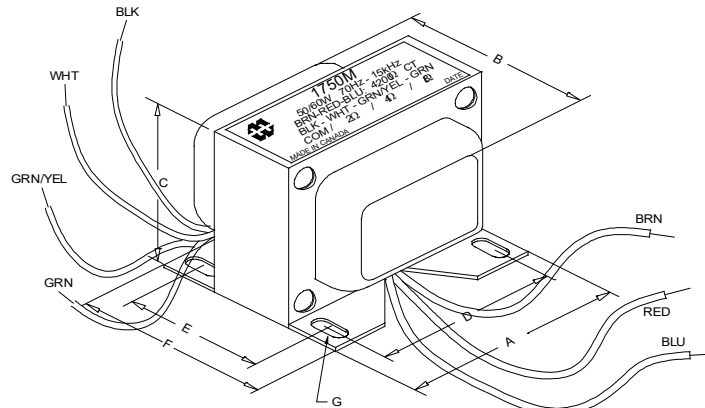
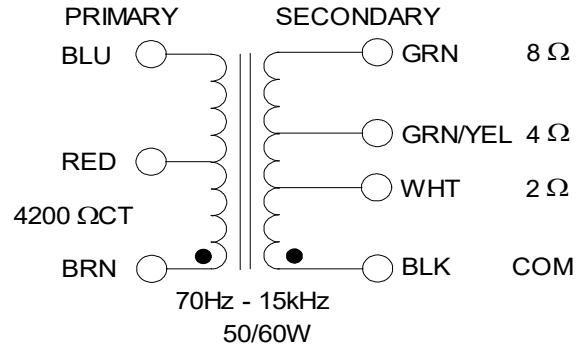
## 1750M

### 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 9" 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		4200 Ohms
Output Impedance		2, 4 & 8 Ohms
Output Power		50/60 W
DCR		
Primary Brown-Blue		68.0 Ohms
Secondary Black-White		0.235 Ohm
Secondary Black-Grn/Yel		0.302 Ohm
Secondary Black-Green		0.355 Ohm
Inductance	Impedance	@ 1.0 kHz, 1.0 V OC
Primary Brown-Blue	5.60 H	35.6 KOhm
Secondary Black-White	8.53 mH	88.34 Ohm
Secondary Black-Grn/Yel	17.08 mH	154.20 Ohm
Secondary Black-Green	32.63 mH	275.10 Ohm
Leakage Inductance		
@ 1.0 kHz, 1.0 V SC		
Primary Brown-Blue	8.03 mH	
Dielectric Strength		
2000VRMS		
Temperature Range		
-40 to 105 degC		



NOTE: ALL LEADS 9.0" OUT MIN.

Dimensions			
A	4.050" ±0.063	E	2.000" ±0.063
B	3.220" ±0.125	F	2.510" ±0.063
C	3.500" ±0.063	G	0.187" X 0.300"
D	3.500" ±0.063		±0.015

### TEST CONDITIONS

Measurement instruments:

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

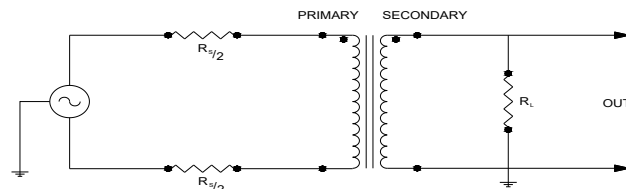
Keithley 2010 DVM

Hp4192a impedance analyzer

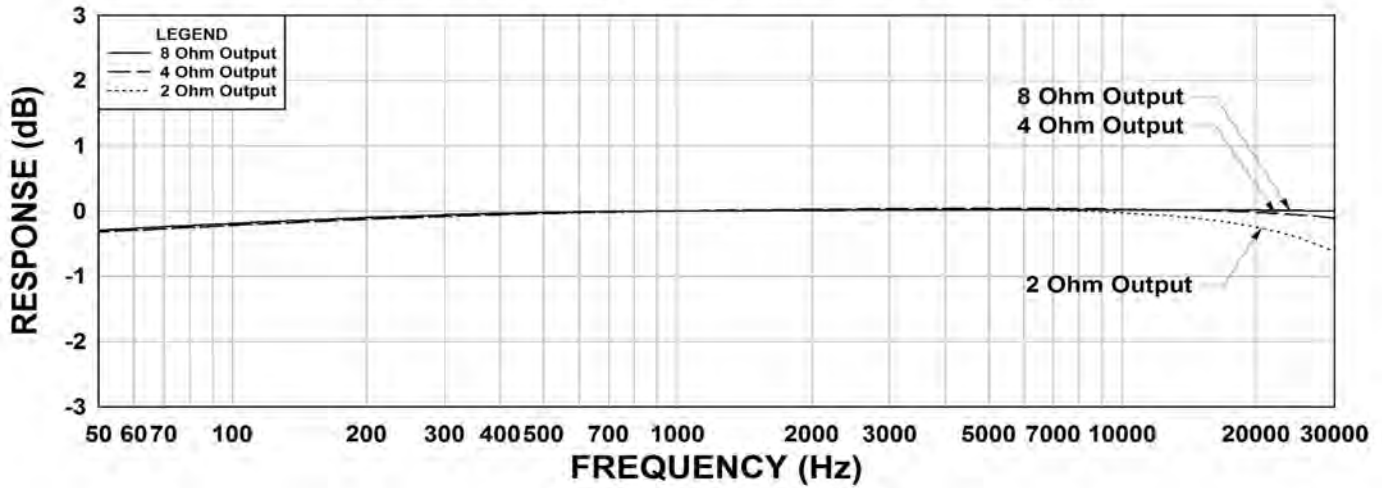
\* All graphs input level 27dBu @1.0KHz reference.

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

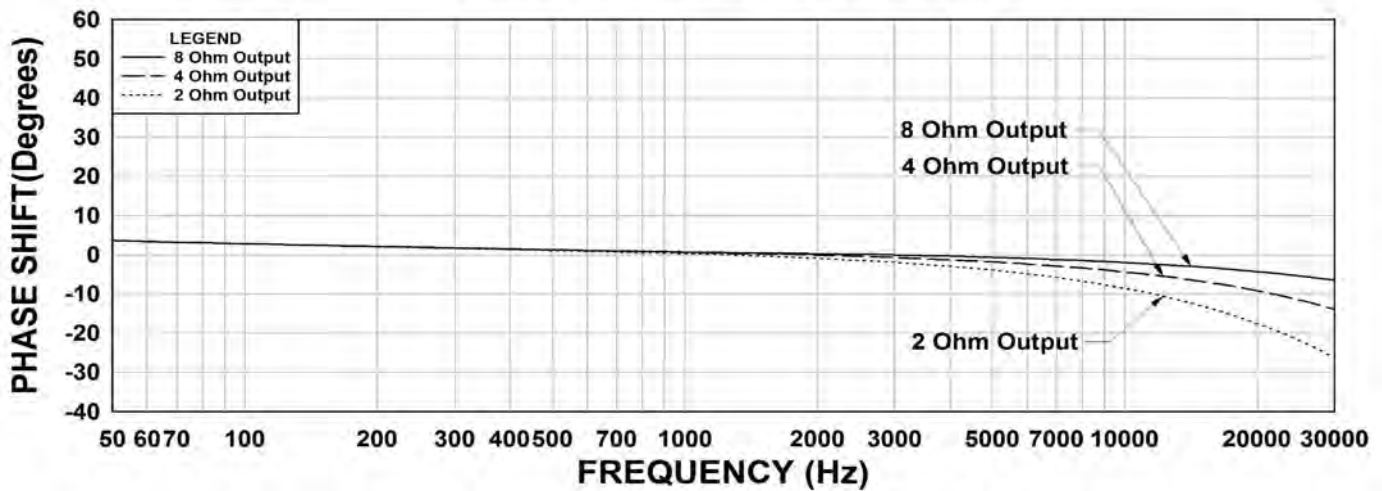
### TYPICAL TEST CIRCUIT



### 1750M Frequency Response RS = 4200 Ohm



### 1750M Phase Shift RS = 4200 Ohm



### 1750M THD+N RS = 4200 Ohm

