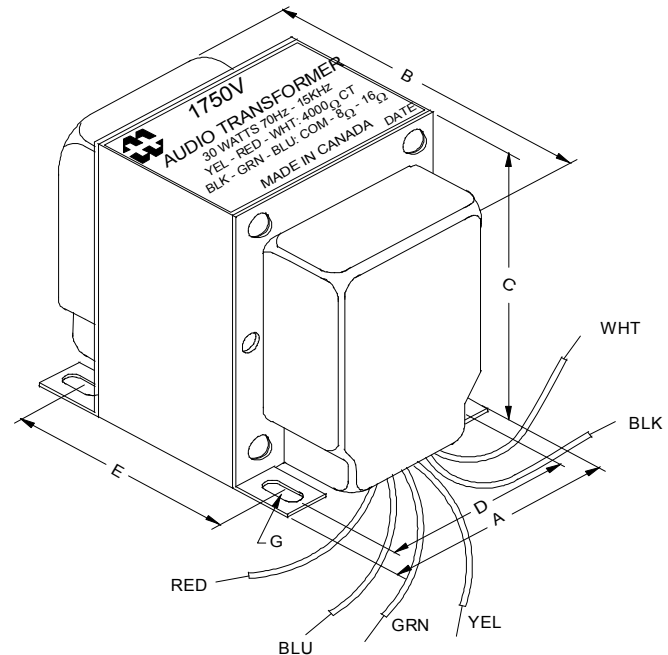
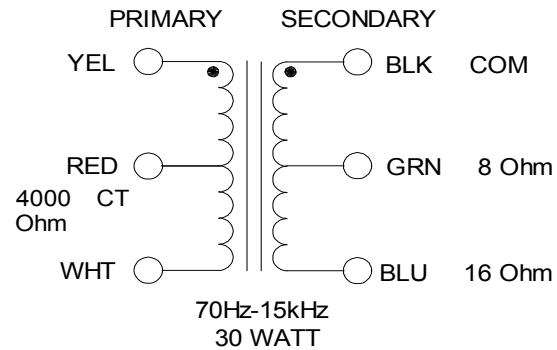


1750V

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units such as VOX¹ AC30 Vintage (P-TVO30V)
- 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/-1dB reference @ 1KHz)
- Distortion is less than 2% @ 70Hz



| Dimensions | | | |
|------------|---------------|---|------------------------|
| A | 3.125" ±0.063 | C | 3.780" ±0.063 |
| B | 3.325" ±0.125 | D | 2.500" ±0.063 |
| E | 2.438" ±0.063 | G | 0.188" X 0.406" ±0.015 |

ELECTRICAL SPECIFICATIONS

| Characteristics | | Typical |
|---------------------------|------------------|---------------------|
| Input Impedance | | 4000 Ohms |
| Output Impedance | | 8 & 16 Ohms |
| Output Power | | 30 W |
| DCR | | |
| Primary Yellow-Red | | 70.37 Ohms |
| Primary Red-White | | 70.30 Ohms |
| Secondary Black-Blue | | 0.720 Ohm |
| Inductance | Impedance | @ 1.0 kHz, 1.0 V OC |
| Primary Yellow-White | 6.30H | 40K Ohm |
| Secondary Black-Green | 19.66mH | 132.95 Ohm |
| Secondary Black-Blue | 35.32mH | 233.50 Ohm |
| Leakage Inductance | | |
| Primary Yellow-White | | @ 1.0 kHz, 1.0 V SC |
| | | 5.14 mH |
| Dielectric Strength | | 2000VRMS |
| 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

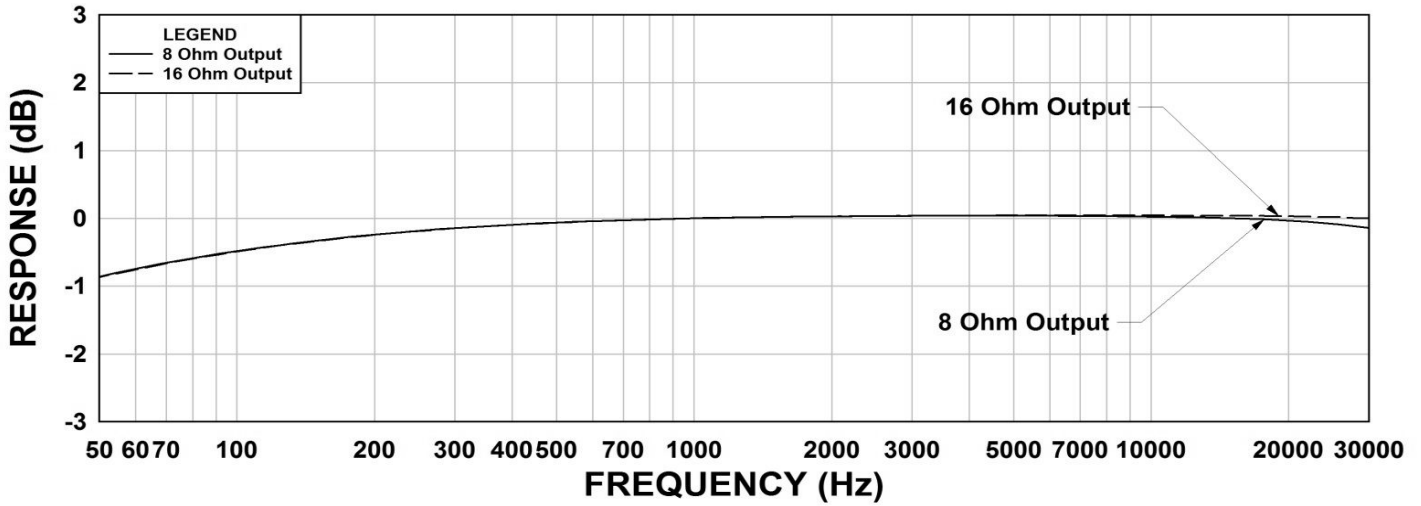
* All graphs input level 27dBu @1.0KHz reference.

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

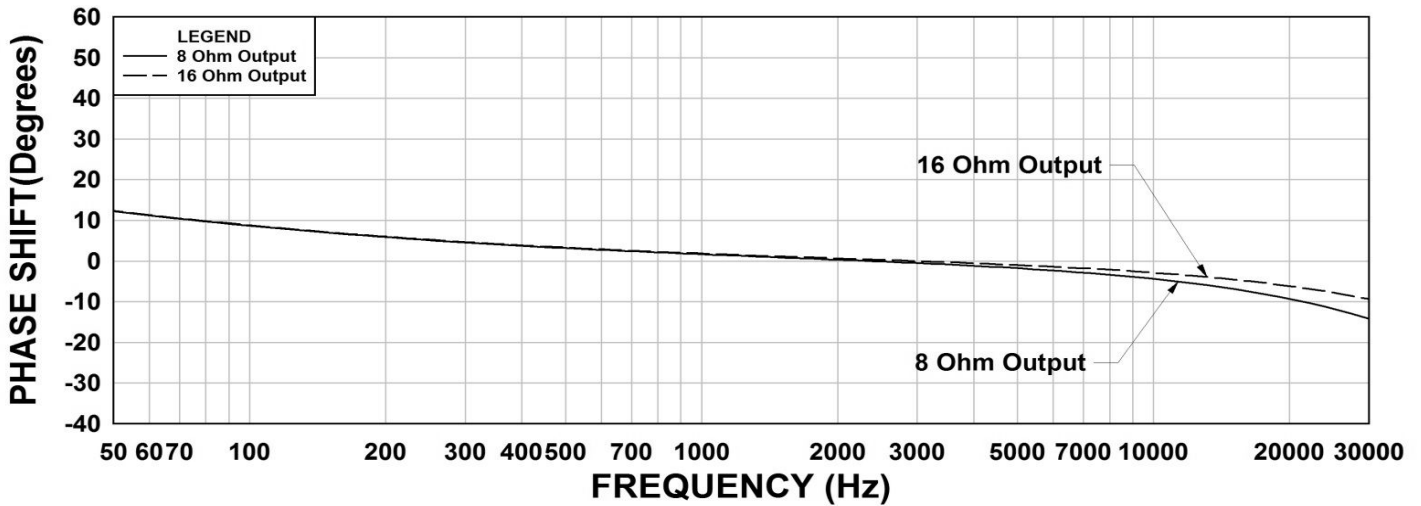
¹DISCLAIMER: Hammond Mfg. is not affiliated with Fender Musical Instruments Corp., Marshall Amplification, Yorkville/Traynor, AMPEG or VOX Amplification companies. Amplifier model names are trademarks of the amplifier companies and are just listed here for reference purpose only.

TYPICAL TEST CIRCUIT

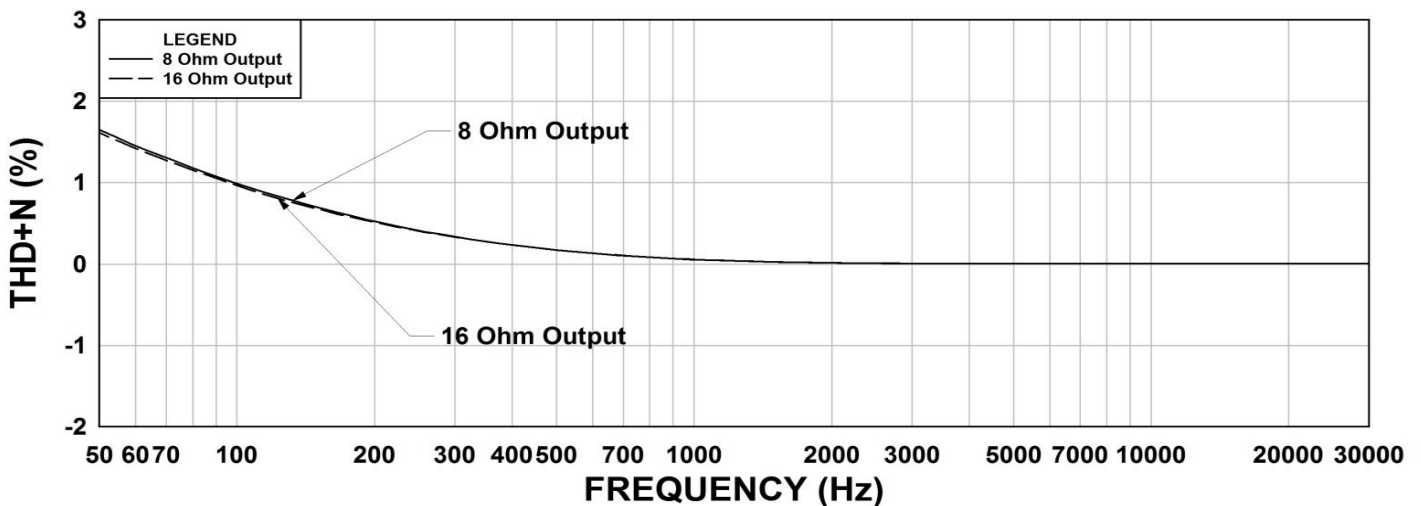
1750V Frequency Response RL = 4K Ohms



1750V Phase Shift RL = 4K Ohms



1750V THD+N RL = 4K Ohms



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