



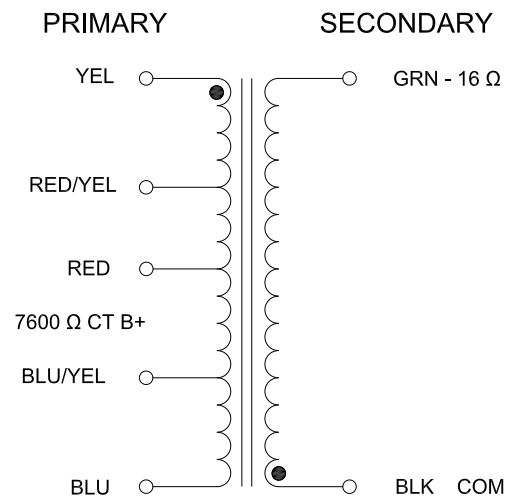
1616


HI-FI AUDIO OUTPUT MULTIPLE SECONDARY TRANSFORMER

- NEW & improved version of our 1608-1650 Series multiple secondary output transformers (Re-designed secondaries for easy hook-up of secondary loads).
- Designed for push-pull tube output circuits.
- Units are designed to provide ample "headroom" at bass frequencies (Note the weight of each transformer).
- Enclosed (shielded), 4 slot, above chassis Type "X" mounting.
- Manufactured with plastic coil forms for coil support and insulation.
- Frequency response 30Hz. to 30Khz. at full rated power (+/- 1db max. - ref. 1Khz) minimum.
- Insulated flexible leads 8" min.
- Included 40% screen taps for Ultra-Linear operation (if desired).
- Typical applications - Push-Pull: triode, Ultra-Linear pentode, pentode and tetrode connected audio output.

ELECTRICAL SPECIFICATIONS	
Characteristic	Typical
Input Impedance	7600 Ohms
Output Impedance	16 Ohms
Output Power	15 Watts
DCR	
Primary Yellow-Red	82.40 Ohms
Primary Red-Blue	96.60 Ohms
Secondary Black-Green	0.180 Ohm
Inductance Impedance @ 60Hz, 10.0V OC	
Primary Blue-Brown	275H 130KOhm
Leakage Inductance @ 60Hz, 10.0V SC	
Primary Blue-Brown	10.80mH
Dielectric Strength	2000Vrms
Temperature Range	-40 To 105°C

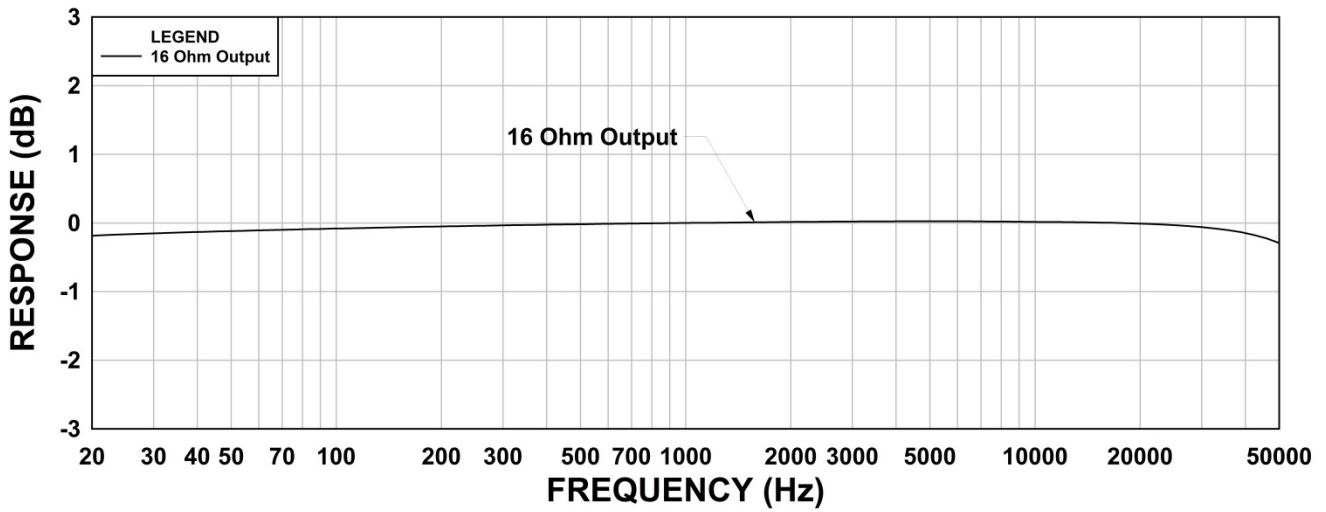
SCHEMATIC



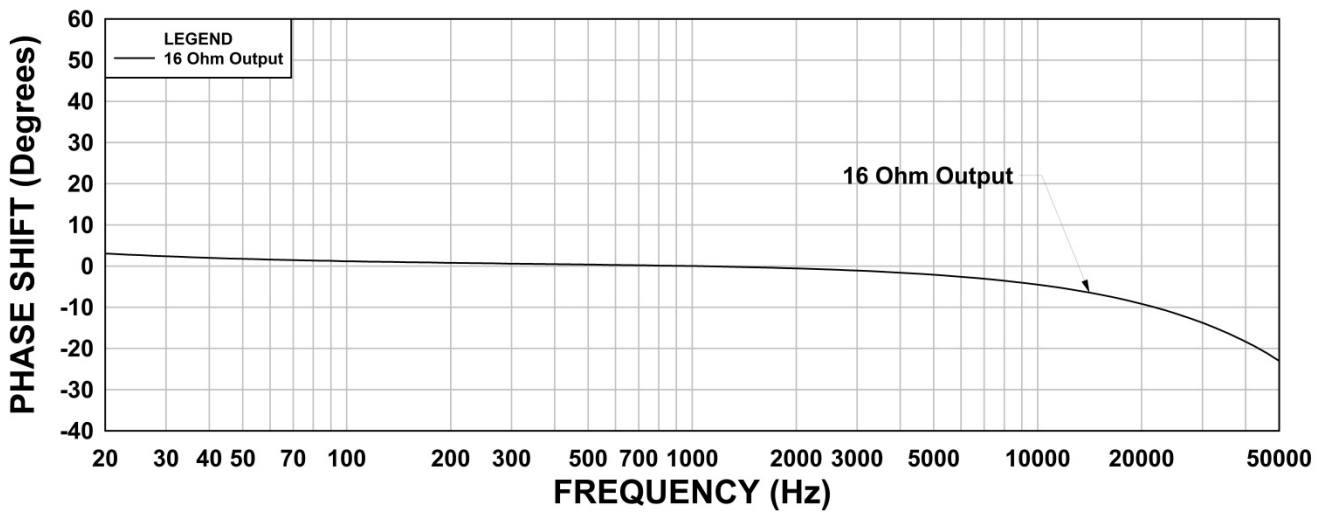
 HAMMOND MANUFACTURING™	1616 AUDIO TRANSFORMER
	FREQUENCY 30 Hz - 30 kHz 15 WATTS 7600Ω C.T. INPUT SCREEN TAPS 40% OF PRI VOLTS COM (BLK) - 16Ω (GRN)
Made In Canada	DATE

Note: The above examples of possible combinations are to help you narrow down the choices of transformers for your favorite tube types. How you operate the tubes (push-pull, push-pull parallel, ultra-linear, class, B+, bias, operating points, etc.) will change optimum plate to plate load impedance. Only a few of the most popular tubes are shown. As more tubes become available we will add them to the list. A tube manual or tube manufacturer's technical data sheets should be consulted first, before making a decision on a proper output transformer.

1616 Frequency Response RS = 7600 Ohms



1616 Phase Shift RS = 7600 Ohms



1616 THD+N RS = 7600 Ohms

