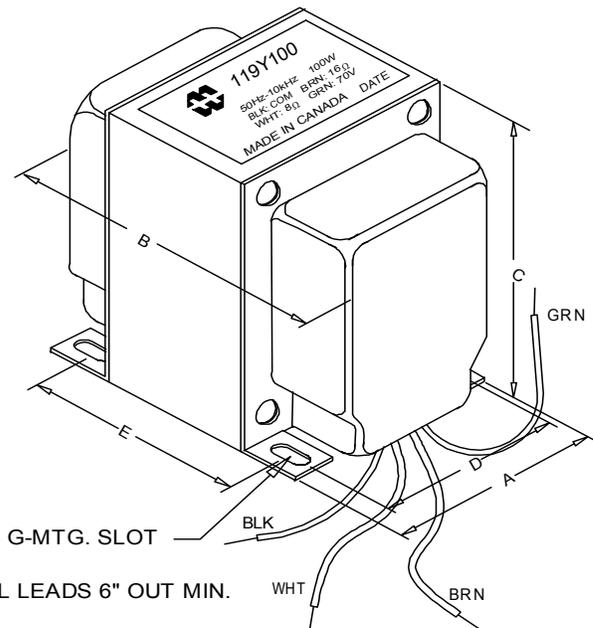
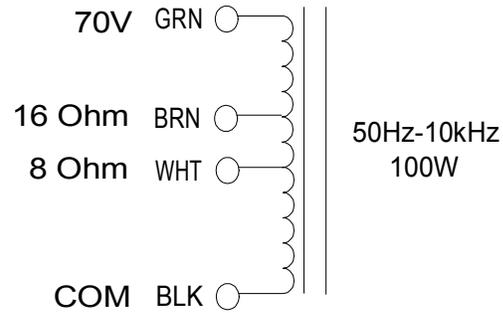


119Y100

AUDIO DISTRIBUTION LINE MATCHING TRANSFORMER

- Suitable for driving from solid state amplifiers where isolated windings are not required or can be used with our "Classic" 1600 tube output transformers to provide 70V line output.
- Leads 6" long minimum
- Can be reversed for operation at high power speaker locations.
- Frequency response 50Hz - 10KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 1% @ 50Hz



NOTE: ALL LEADS 6" OUT MIN.

ELECTRICAL SPECIFICATIONS	
Characteristics	Typical
Input Voltage	70V
Output Impedance	8 & 16 Ohms
Output Power	100 W
DCR	
Black-White	0.353 Ohm
Black-Brown	0.606 Ohms
Black-Green	1.350 Ohms
Inductance Impedance @ 1.0 kHz, 1.0 V OC	
Black-White	355.39 mH 2.28 KOhm
Black-Brown	83.49mH 454.6 Ohm
Black-Green	119.14mH 855.4 Ohm
Leakage Inductance @ 1.0 kHz, 1.0 V SC	
Black-Green	61.1 uH
Dielectric Strength 1500VRMS	
Temperature Range -40 to 105 degC	

Dimensions		
A	3.125" ±0.063	D 2.500" ±0.063
B	3.435" ±0.125	E 2.188" ±0.063
C	3.800" MAX	G 0.203" X 0.375" ±0.015

TEST CONDITIONS

Measurement instruments:

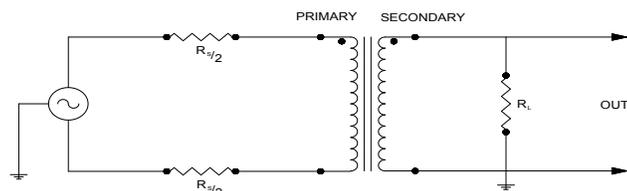
D scope series iii audio analyzer
Wayne Kerr 3255B with a 3265B

Keithley 2010 DVM
Hp4192a impedance analyzer

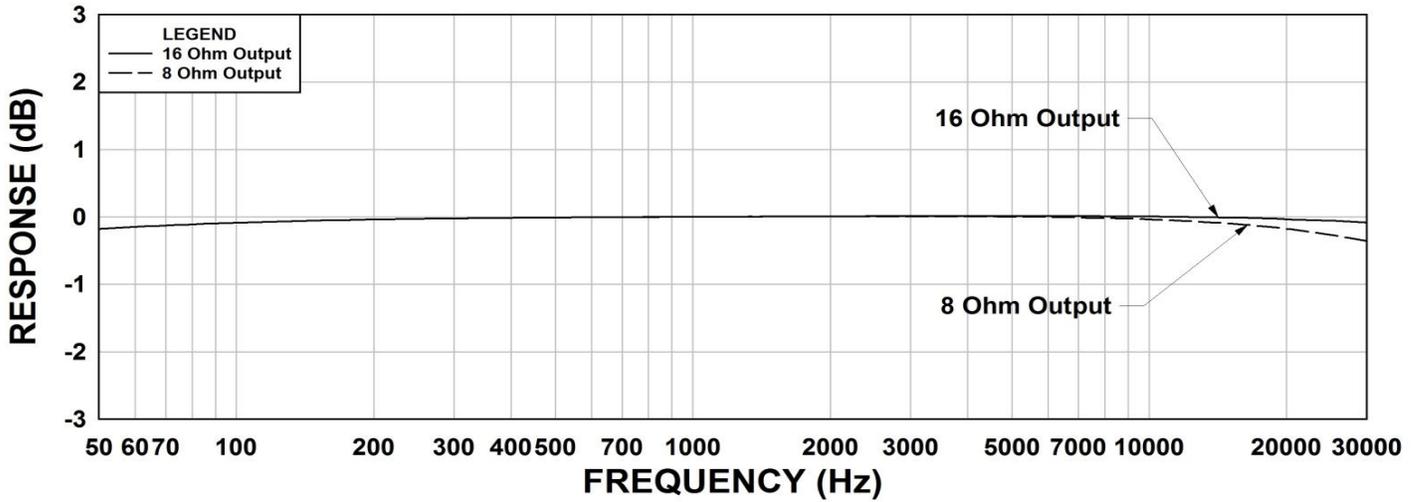
* All graphs input level 27dBu @1.0KHz reference.

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

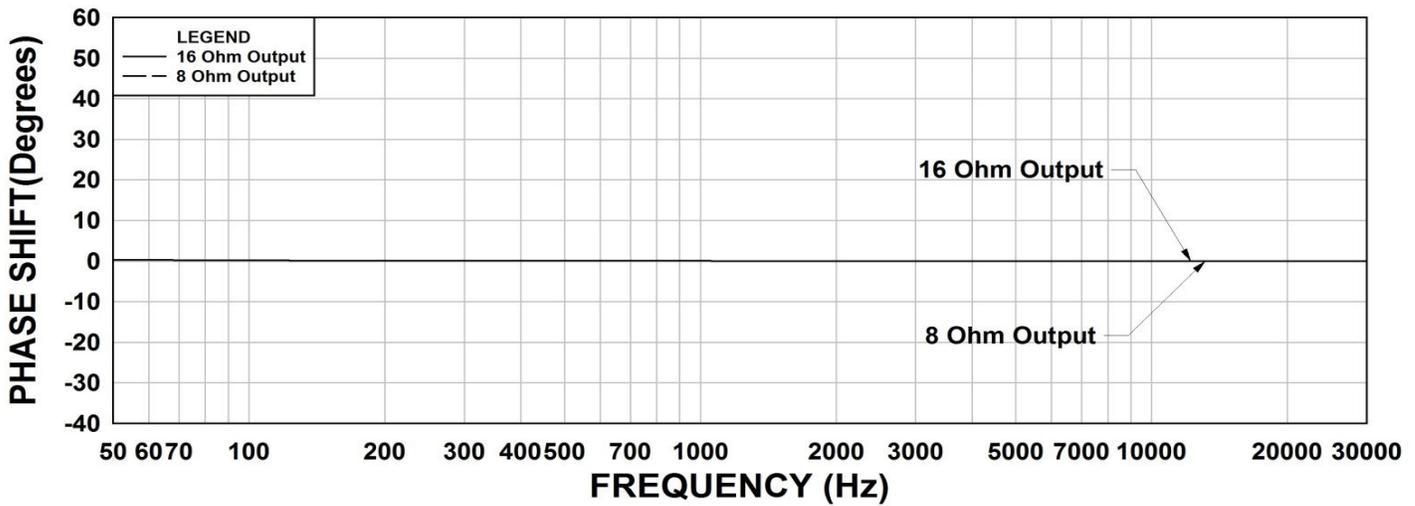
TYPICAL TEST CIRCUIT



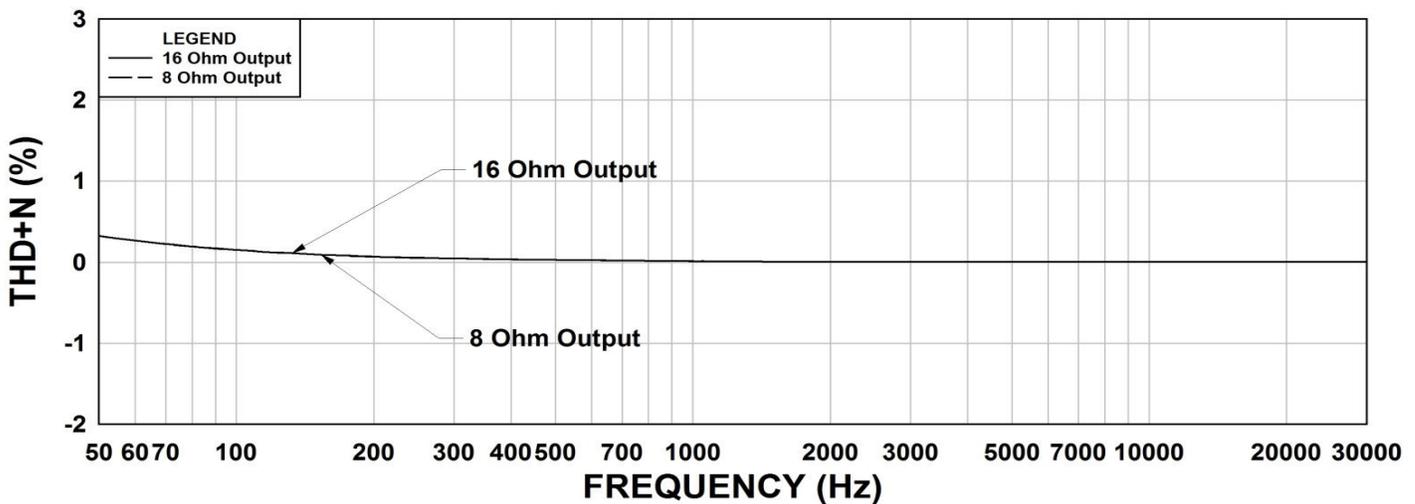
119Y100 Frequency Response



119Y100 Phase Shift



119Y100 THD+N



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