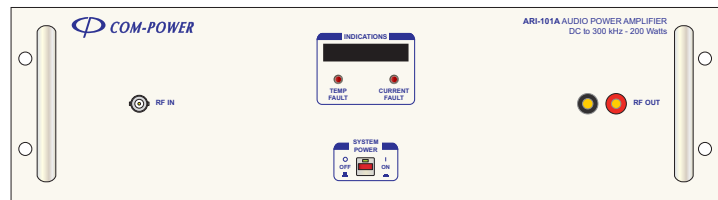


## Features

- Frequency Range: DC to 300 kHz
- 200 Watts Power into 2 ohms  
225 Watts Power into 1 ohm
- Protection Circuitry from Input Overload, Over-Temperature & Over-Current



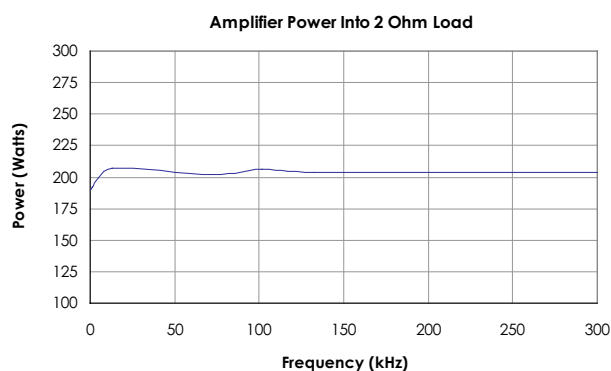
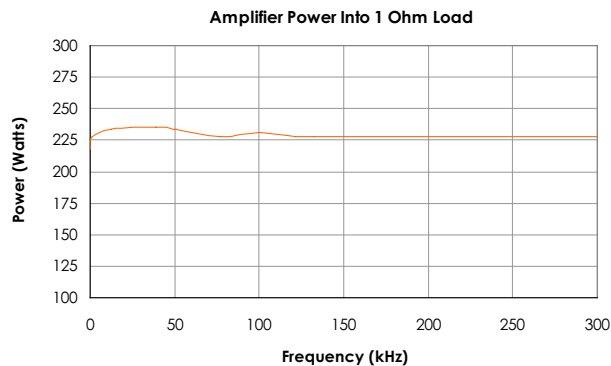
## Description

The Com-Power ARI-101A Audio Power Amplifier is specifically geared for conducted and radiated susceptibility testing such as that described in MIL-STD-461 (CS101 & RS101) and RTCA DO-160 (Section 18), in addition to other standards.

The ARI-101A operates from DC to 300 kHz with an output power up to 200 Watts (into 2 ohms) and 225 Watts (into 1 ohm).

The amplifier is equipped with protection circuitry to avoid damage in the case of improper output connections (shorted or improper loads), over-temperature as well as over-currents.

There is also a digital voltmeter display on the front panel along with LEDs for indication of any over-temperature and over-current conditions.



## Specifications

GENERAL	
Products Description	Audio Power Amplifier
Application	Audio Frequency Susceptibility Testing
Standards	MIL-STD-461, RTCA DO-160, etc.
Frequency Range	DC to 300 kHz
Output Power	200 Watts (into 2Ω), 225 Watts (into 1Ω)
Input Signal	0 dBm (maximum)
Input Impedance	50 ohms (nominal)
Output Impedance	1 ohm, 2 ohms
Output Voltage	>10 V <sub>rms</sub> (DC to 150 kHz with 0 dBm input)
Distortion	≤0.3%
DC Drift	< ±1.5 mV (after 30 minutes of operation)
Phase Response	±5 degrees
Residual Noise	300 μV
Signal-to-Noise Ratio	-100 dB
Gain Linearity	0.15%
Common Mode Rejection	-60 dB
ELECTRICAL	
AC Input Power	115/230 Volts AC, 50/60 Hz
INPUT/OUTPUT CONNECTORS	
Input Connector	BNC (female)
Output Connectors	(2) x 4 mm Banana Jack Binding Posts
AC Power Input Connector	IEC C13 Receptacle
ENVIRONMENTAL	
Operating Temperature	40° F to 104° F (5° C to 40° C)
Cooling	Forced Air
MECHANICAL	
Dimensions (H) x (W) x (D)	5.2" x 19" x 15.7" (131 mm x 482 mm x 398 mm)
Cooling	Forced Air