



M300 - 300W M-Series Amplifier
MAT #700215882

Technical Specifications

Power Output- 70V Mono:	600W @ 8 ohms
4-ohm:	300W per channel*
8-ohm:	200W per channel*
Input Sensitivity	
<i>At Backplane Connector or using Standard Input Module (incl.) (Module has Gain of 1):</i>	0.840V for 300W @ 4 ohms
S/N Ratio (20K BW):	103 dB ref. 8 ohms, F.P.
Class of Operation:	AB
Product Weight:	41 lb.
Connectors- Power:	15A line cord
Input:	2 new std. 12-pin connector modules/RCA input
Output:	5-pin "touch-proof" Barrier Strip, RCA Pre- & Post-EQ Output
Power Bandwidth:	20-40 kHz .5% THD
THD @ 1 kHz rated power:	less than .02%
Load Impedance:	4-8 ohms, 70V
Minimum Load Impedance (Stereo):	3.2 ohms
Frequency Response @ 1 watt:	20-20 kHz +/- 0.25 dB
Output Regulation, 1 kHz direct:	0.5 dB @ 8 ohms
1 kHz bridged:	1.5 dB @ 70V
Inputs (Plug-in modules):	Electronically balanced, high-impedance module standard, other modular input types available
AC Input Voltage Range:	95-130V AC, 60Hz
Maximum AC Current:	12A
Indicators:	Status (On/Protect/Sleep), Clip/Limit, Signal
Temperature Range:	15 to 105 degrees F
Cooling:	Forced Air Variable Speed Fan
Physical Dimensions (W x H x D):	17" X 3-1/2" x 16"
Protection:	RF, DC, Low-frequency, Thermal, Low-Impedance, Circuit-Breaker, Short Circuit
Special Features:	Sleep Mode, Back-Slope regulation, Stereo, Dual Mono, 70V Mono Operation, Toroidal Power Transformer

* Both channels driven at nominal line voltage 120V AC, 60 Hz.

Specifications subject to change without notice. 0210