

acm M 21200

Description

The M Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 3RU package. The M Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel-cooled, high efficiency heat sinks; and variable-speed DC fans to limit the operating temperature and extend amplifier life.

	8 Ohm stereo	4 Ohm stereo	2 Ohm stereo	8 Ohms bridged	4 Ohms bridge d	Weight
M2800	800W	1200W	1500 W	2400 W	—	32kg
M2800.2	800W	1200W	1800W	2400W	3600 W	35kg
M2120 0	1200 W	1800 W	2200 W	3600 W	—	36kg



M 21200 acmaudio Professional Power Amplifier

www.acmaudio.com



acmaudio  
M 21200  
Professional Power  
Amplifier



Specifications

Rated power bridge mode 8 Ohms  
3600Watts @ 1 kHz at <0.5% T.H.D.

Rated power (2 X4 Ohms)  
1800 Watts per channel @ 1 kHz at <0.5%  
T.H.D. both channels driven

Rated power (2 X 8 Ohms)  
1200 Watts per channel @ 1 kHz at <0.5%  
T.H.D. both channels driven

Input CMRR  
>-65 dB @ 1 kHz

Power bandwidth  
20 Hz - 20kHz; +0, -0.5 dB at rated 500 Watts 8 Ohm power

T.H.D.(2 X 4 Ohms)  
<0.05% @ 900 Watts per channel from 20 HZ to 20 kHz

T.H.D.(2 X 8 Ohms)  
<0.05% @ 600Watts per channel from 20 HZ to 20 kHz

Rated power (1 X4 Ohms)  
1980 Watts @ 1 kHz at <0.5% T.H.D.

Rated power (1 X 8 Ohms)  
1300 Watts @ 1 kHz at <0.5% T.H.D.

Minimum load impedance  
2 Ohms

Maximum RMS voltage swing  
110Volts

Frequency response  
10 Hz - 50 kHz; +0, -3 dB at 1 Watt

Phase response  
+20° to -25° from 20 Hz to 20 kHz

Input impedance  
20 k Ohms, balanced; 10k Ohms, unbalanced

Cooling  
Low temperature dependant variable speed 120mm high output DC fans

Controls  
Two front panel attenuators, rear panel mode switch and gain  
select switch

Voltage gain  
0.775V, 32 dB or 26 dB

Crosstalk  
>-60 dB @ 1 kHz at rated power @ 8 Ohms

Hum and noise  
>-104 dB, "A" weighted referenced to rated power @ 8 Ohms

Slew rate  
>25V/us

Damping factor (8 Ohms)  
>800:1 @ 20Hz - 1 kHz

Indicator LEDs  
2 Clip, 2 signal presence, 2 active status, 2 Protection

Protection  
Thermal, DC, turn-on bursts, incorrect loads

Connectors  
XLR, Speakon and Binding Post speaker output,  
240/230 Volt 20 amp IEC mains

Construction  
16 ga. Steel

Dimensions  
132mm x 483 mm x 498 mm

Net weight  
36kg

Gross weight  
39kg