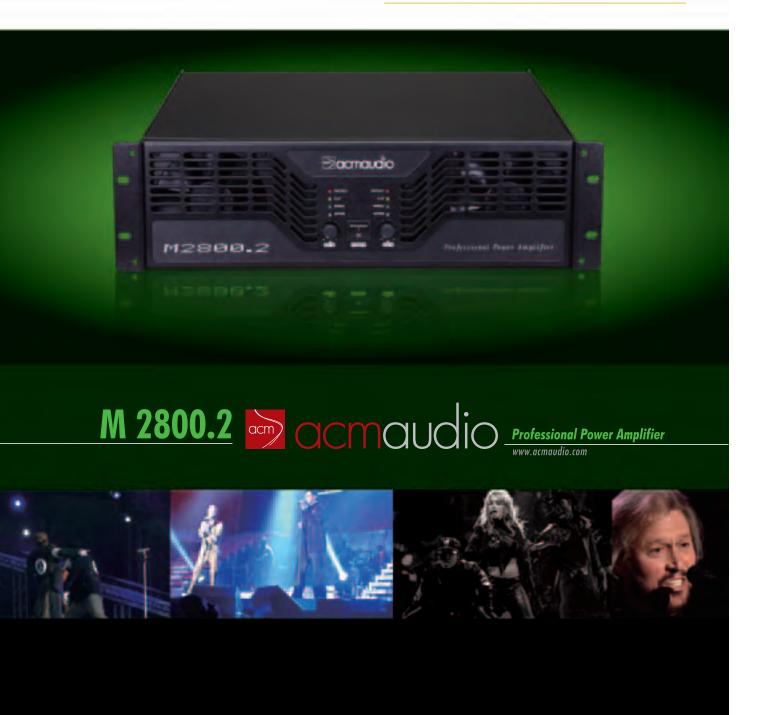
acm M 2800.2

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	—	32k g
M2800.2	800W	1200W	1800W	2400W	3600 W	35kg
M2120 0	1200 W	1800 W	2200 W	3600 W	_	36k g







Specifications

Amplifier

Rated power bridge mode 4 Ohms 3600Watts @ 1 kHz at < 0.5% T.H.D.

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

Rated power (2 X 4 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 rate d 400 Watts 8 0hm power

T.H.D.(2 X 4 Ohms) <0.05%@600 Watts per channel from 20 HZ to 20 kHz

T.H.D.(2 X 8 Ohms) <0.05%@400Watts per channel from 20 HZ to 20 kHz

Rated power (1 X2 Ohms) 900 Watts @ 1 kHz at < 0.5% T.H.D.

Rated power (1 X 4 Ohms) 1300 Watts @ 1 kHz at < 0.5% T.H.D.

Minimum load impedance 2 Ohms

Maximum RMS voltage swing 93Volts

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

Tow temperature dependant variable speed 120mm high output DC fans

Two front panel attenuators, rear panel mode switch and gain s elect 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, 2Protection

Protection

Thermal, DC, turn-on bursts, incorrect loads

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

35k g

Gross weight 38k g