

# acm H 1500

## Description

The H Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 2RU package. The H 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. Individual low pass, low cut switch for channel A and B. Models in the series include the H600, H900, H1500.

	8 Ohm stereo	4 Ohm stereo	2 Ohm stereo	4 Ohms bridged	Weight
H600	200W	300W	450W	900W	16kg
H900	300W	450W	675W	1350W	18kg
H1500	500W	750W	1125W	2250W	23kg



## H 1500



# acmaudio

Professional Power Amplifier

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# H 1500

## Professional Power Amplifier



### Specifications

**Rated power bridge mode 4 Ohms**  
2250 Watts @ 1 kHz at <0.1% T.H.D.

**Rated power (2 X 2 Ohms)**  
1125 Watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven

**Rated power (2 X 4 Ohms)**  
750 Watts per channel @ 1 kHz at <0.05% T.H.D. both channels driven

**Rated power (2 X 8 Ohms)**  
500 Watts per channel @ 1 kHz at <0.025% T.H.D. both channels driven

**Rated power (1 X 2 Ohms)**  
1260 Watts @ 1 kHz at <0.1% T.H.D.

**Power bandwidth**  
10 Hz - 30kHz; +0, -3 dB at rated 350 Watts 8 Ohm power

**T.H.D.(2 X 2 Ohms)**  
<0.1% @ 900 Watts per channel from 20 HZ to 20 kHz

**T.H.D.(2 X 4 Ohms)**  
<0.1% @ 600 Watts per channel from 20 HZ to 20 kHz

**T.H.D.(2 X 8 Ohms)**  
<0.1% @ 400 Watts per channel from 20 HZ to 20 kHz

**Input CMRR**  
>-65 dB @ 1 kHz

**Rated power (1 X 4 Ohms)**  
840 Watts @ 1 kHz at <0.05% T.H.D.

**Rated power (1 X 8 Ohms)**  
560 Watts @ 1 kHz at <0.025% T.H.D.

**Minimum load impedance**  
2 Ohms

**Maximum RMS voltage swing**  
77 Volts

**Frequency response**  
10 Hz - 100 kHz; +0, -3 dB at 1 Watt

**Phase response**  
+5 to -15 from 20 Hz to 20 kHz

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

**Cooling**  
Two temperature dependant variable speed  
80mm 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**  
>-107 dB, "A" weighted referenced to rated power @ 8 Ohms

**Slew rate**  
>30V/us

**Damping factor (8 Ohms)**  
>700:1 @ 20Hz - 1 kHz

**Indicator LEDs**  
2 Clip, 2 signal presence, 1 active status, 2 Protection

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

**Connectors**  
XLR, Speakon and Binding Post speaker output, 240/230 Volt 16 amp IEC mains

**Construction**  
16 ga. Steel

**Dimensions**  
89 mm x 483 mm x 496 mm

**Net weight**  
23kg

**Gross weight**  
26 kg