

# acm Q 2150

## Description

The Q Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 1RU package. The Q 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	8 Ohms bridged	Weight
Q2100	100W	150W	300W	8kg
Q2150	150W	225W	450W	9kg



Q 2150



acmaudio

Professional Power Amplifier

[www.acmaudio.com](http://www.acmaudio.com)



# Q 2150

## Professional Power Amplifier



### Specifications

**Rated power bridge mode 8 Ohms**  
450Watts @ 1 kHz at <0.1% T.H.D.

**Rated power (2 X4 Ohms)**  
225 Watts per channel @ 1 kHz at <0.1% T.H.D. both channels driven

**Rated power (2 X 8 Ohms)**  
150 Watts per channel @ 1 kHz at <0.1% T.H.D.both channels driven

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

**Power bandwidth**  
10 Hz - 30kHz; +0, -0.5 dB at rated 80 Watts 8 Ohm power

**T.H.D.(2 X 4 Ohms)**  
<0.05%@150 Watts per channel from 20 HZ to 20 kHz

**T.H.D.(2 X 8 Ohms)**  
<0.05%@150Watts per channel from 20 HZ to 20 kHz

**Rated power (1 X4 Ohms)**  
270 Watts @ 1 kHz at <0.1% T.H.D.

**Rated power (1 X 8 Ohms)**  
180 Watts @ 1 kHz at <0.1% T.H.D.

**Minimum load impedance**  
4 Ohms

**Maximum RMS voltage swing**  
45Volts

**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**  
10 k Ohms, balanced

### Cooling

Tow temperature dependant variable speed 40mm 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

>-106 dB, "A" weighted referenced to rated power @ 8 Ohms

### Slew rate

>22V/us

### Damping factor (8 Ohms)

>500:1 @ 20Hz - 1 kHz

### Indicator LEDs

2 Clip, 2 signal presence, 1 Bridge, 1 active status/Protection

### Protection

Thermal, DC, turn-on bursts, incorrect loads

### Connectors

XLR, Speakon and Binding Post speaker output, 240/230 Volt 3.5 amp IEC mains

### Construction

16 ga. Steel

### Dimensions

44 mm x 483 mm x 350 mm

### Net weight

9kg

### Gross weight

10kg