

# Q2

power amplifier

AUDAC's Q Series is a complete new line of 4 channel power amplifiers. These newest members of the 19" Pro Sound Series family are suitable for most common low impedance high power multi room systems. The amplifiers are built as 4 channel amplifiers with possible bridge function. The amplifiers are fitted with a multipurpose protection circuit, which detects DC malfunction, short circuit, overheating, signal overload and signal limiting. The Q series is designed as a no-nonsense amplifier, with only the necessary controls and connectors. This creates a great simplicity in use and installation. The AUDAC Q2 delivers an output power of 4 x 200 Watt @ 8 Ohm and 4 x 300 Watt @ 4 Ohm. In bridge mode it can deliver a power of 2 x 600 Watt @8 Ohm.



The AUDAC Q2 front

On the front of the Q2, for each channel, you can find a Volume control to set the individual volume per channel, a Sig led to check if there is a signal present on the appropriate channel, a Clip led to indicate when the signal is too strong and should be reduced, and a Prot led to warn when the protection circuit kicks in, to avoid damage to the amplifier per channel. Of course, the power button with a blue power indicator can be found here too.



The AUDAC Q2 rear

Each channel has its own separate signal input on balanced XLR connector and an output on speaker connector. The Q2 can be set in stereo or bridge mode for channels 1 + 2 and channels 3 + 4, using the appropriate switches. A ground-lift switch is also provided to avoid humming sound produced by ground loops. And of course the power connection can be found here too.

Technical specifications :			
	Q2	Q4	
RMS Power @ 8 Ohm	4 x 200 W	4 x 400 W	
RMS Power @ 4 Ohm	4 x 300 W	4 x 600 W	
RMS Power @ 2 Ohm	n/a	n/a	
RMS Power @ 8 Ohm bridged	2 x 600 W	2 x 1200 W	
RMS Power @ 4 Ohm bridged	n/a	n/a	
THD+N	<0,05% @ 8 Ohm 1 KHz		
Signal to noise ratio	> 93 dB		
Slew rate	40 V / µsec		
Frequency response	20 Hz - 20 kHz		
Input Impedance	20 kOhm balanced , 10 kOhm unbalanced		
Crosstalk	> 70 dB @ 8 Ohm 1 kHz		
Input sense	0,775 V		
Damping factor	> 400		
Power supply	240 V AC / 50 Hz - 60 Hz		
Protection	DC ; Short circuit ; Overheating ; Overload ; Signal limiting		
Construction	Steel		
Dimensions (WxHxD)	483 x 90 x 385 mm		
Unit height	2 HE		
Weight	25,0 Kg	24,0 Kg	28,0 Kg
Colour	Black		

About Audac :

AUDAC provides a complete range of audio equipment such as amplifiers, loudspeakers, microphones, conference microphones and much more.

