

Q4

Power Amplifier

AUDAC

► Features

- Professional Class H Power Amplifier
- Designed to provide high rich power output
- Replaceable dust filter
- Equipped with original Neutrik connectors
- Four channel amplifier
- Protection circuit: DC, Clip and Overheat
- Four channel volume control

► Applications

- Conference spaces
- Retail stores
- Hotels
- Restaurants
- Multimedia projects
- Churches



The AUDAC Q series are 4 channel power amplifiers, suitable for the most common low impedance high power multi-room systems.

These 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 are designed as no-nonsense amplifiers, with only the necessary controls and connectors. This creates a great simplicity in use and installation.

The AUDAC Q4 delivers an output power of 4 x 400 Watt at 8 Ohm and 4 x 600 Watt at 4 Ohm. In bridge mode it can deliver a power of 2 x 1200 Watt at 8 Ohm.

On the front of the Q4, there's for each channel a volume control, a signal 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 protection LED to warn when the protection circuit kicks in, to avoid damage to the amplifier.

Each channel has its own separate signal input on a balanced XLR connector and an output on speakon connector.

The Q4 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.

All models from this serie have the 2 HE 19" rack mount chassis.

► Specifications

SYSTEM SPECIFICATIONS	
RMS Power @ 8 Ohm	4 x 400 W
RMS Power @ 4 Ohm	4 x 600 W
RMS Power @ 8 Ohm bridged	2 x 1200 W
Input impedance	20 Kohm balanced 10 Kohm unbalanced
Input sense	0.775 V
Frequency response -3dB	20 Hz - 20 kHz
THD+N by 1kHz	< 0,05% @ 8 Ohm
Signal to noise ratio	> 93 dB
Slew rate	40 V / μ Sec
Power supply	240 V AC / 50-60 Hz
Damping Factor	> 400
Cross talk	> 70 dB @ 8 Ohm @ 1 kHz
Protection	DC short circuit Overheat Over load Signal limiting
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 88 x 460 mm
Weight net	28 Kg
Mounting	19"
Unit height	2 HE
Construction	Steel
Colour	Black
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	30.8 Kg - 0.048 Cbm
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products	