

# 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<br>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 / $\mu$ Sec   |
| Power supply  | 240 V AC / 50-60 Hz  |
| Damping Factor  | > 400  |
| Cross talk  | > 70 dB @ 8 Ohm @ 1 kHz                                      |
| Protection  | DC short circuit<br>Overheat<br>Over load<br>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 |  |