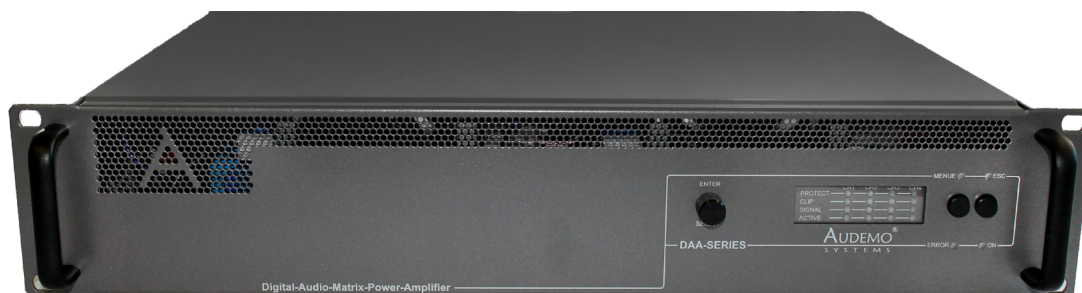


DAA-2361 A

Digital Audio Power Amplifier 1x 750/500W

Made
in
Germany



APPLICATION

- Public Address
- Background Music
- Audio Visual

AREA OF USE

- Health
- Education
- Retail
- Hospitality
- Stadiums
- Transportation
- Theme parks
- Military

OVERVIEW

The PADES@2000 Digital-Audio-Power-Amplifier DAA-2361 A is a professional, low impedance class D power amplifier. The integrated switching power supply helps to increase the entire efficiency. It contains protection circuits against over-temperature and self-stimulation. It is short-circuit proof and idling-proof and is limiting the inrush-current. The status of the amplifier is displayed at the front by dedicated LED's.

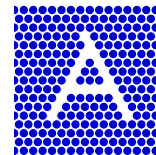
All connections are on the backside of the amplifier. Audio signal is input via Phoenix connector or RJ45 connector (for connection with AUDEMO-SYSTEMS audio controllers or wall mount mixers). Amplifier out-put is connected with Phoenix-connector. An optional AF input transformer and all modules mentioned be-low can be mounted ex-factory. Due to the high efficiency of the amplifier the power consumption and the temperature rise is at its minimum.

For remote controlling the amplifier by an AUDEMO-SYSTEMS audio controller, an optional Digital-Audio-Amplifier-Control-Module DAA-2310 B and the System-Software-License DAA-2390 B can be integrated ex-factory. For stand-alone applications, the configuration of the amplifier can be done by using the RS-232 Interface-Module DAA-2387 B.

As a standard at professional audio equipment, the audio input is done by a electrical symmetric input pair. To avoid possible hum loops, additional input transformer AF-Input-Transformer is built in on request to get galvanic insulated symmetrical inputs.

The HF-Shielding-Module protects the electronic components by shielding the high frequency irradiation against ground potential.

Due to warranty reasons, all options are built in ex-factory. All system components will be delivered only for defined projects. No single components will be sold separately.



TECHNICAL DATA

Digital Audio Power Amplifier 1x 750/500W (DAA-2361 A)

Output-Power (Music/RMS)	750/500 W
Sensitivity	1 V _{eff} , 10 kOhm, symmetric
Frequency response	20-20.000 Hz
Signal-to-noise ration	>103 dB
Distortion factor	< 0.29 %
Output impedance	> 2 Ohm
Power supply	200 - 240 V AC, 50/60 Hz
Power consumption	630 VA (full load) 10 VA (no input) 5 VA (Stand-By)
Dimensions	483 × 88 × 330 mm (2U)
Weight (full equipped)	6.6 kg
IP class	IP30
Operating temperature	-5C° to + 55 C°

AF Input Transformer

Transformation ratio	1:1
Frequency response	30-20.000 Hz
Distortion factor	< 0.4 %
Dimensions	18 x 13 x 18 mm
Weight	65 g

HF Shielding Module

Dimensions	35 x 48 x 1 mm
Weight	10 g

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Information contained in this document is believed to be accurate, however no representation or warranty is given and Audemo-systems in Germany assumes no liability with respect to the accuracy of such information.

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