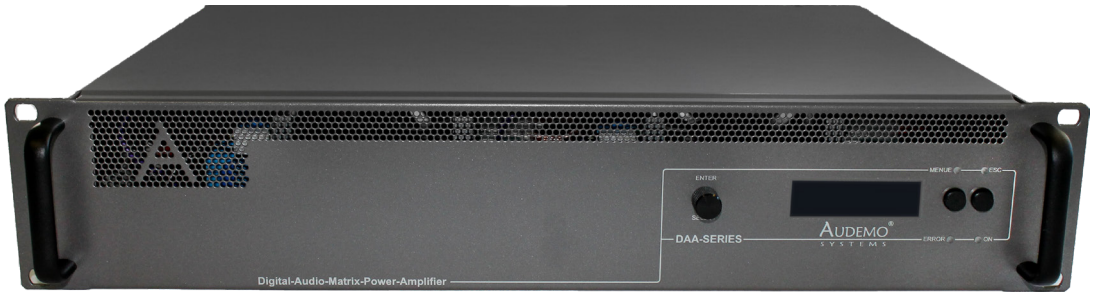
DAA 2362 C

Digital Audio Matrix Amplifier 2 X 1000 Watts/4 Ohm type

Made in Germany



APPLICATION

- Pro-Audio
- Background Music
- Audio Visual

AREA OF USE

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

OVERVIEW

The Digital Audio Matrix Dual Power Amplifier DAA-2362 C is a professional, low-impedance, fully monitored Class D dual power amplifier. The integrated switching power supplies contribute to the additional optimization of the efficiency. The power amplifier has protective circuits against overheating and self-excitation, mains inrush current limitation and switch-on noise suppression; it is short-circuit-proof and idling-proof. All monitoring and protection functions are indicated by LEDs on the front. The rear connections are designed as RJ45 connectors. The DAA-2362 C has integrated slots for the digital amplifier control module, 2 AF input transformers for both channels (optional) and for all the built-in modules listed below. Due to its high efficiency, the technology is extremely energy-saving and is characterized by low heating of the components. The Digital Audio Amplifier Control Module enables the control and monitoring of the amplifier.

With the help of the system software license, all processes and communication with all system components can be controlled using an optional RS-232 interface module or or by using the IO-MOD bus.

The DAA-2362 C can be fitted with Dante card (DMS-2034A) or digital Etherent card (DMS-2036A).

All operating functions are digitally controlled by 2 function buttons and a rotary encoder with button function. The graphic LCD display with 32 x 120 pixels and 16-bit 20MHz slave controller control allows plain text display and pictograms to be displayed. The automatically changing background color of the display is used to visualize error states.

The integrated, automatically activating device sleep mode enables energy consumption to be optimized and the operating state to be automatically reactivated within 50 µs after user-relevant events have been detected.

As usual with professional audio equipment, the AF signal is connected via balanced inputs and outputs. In order to eliminate ground loops and other background noise, AF input transformers should also be installed in the active signal paths to generate transformer-symmetrical, i.e. galvanically isolated signal transmission.

The HF shielding module effectively protects the electronic components against high-frequency electromagnetic radiation by means of system-grounded shielding.

For warranty reasons, all options can only be installed in the factory. All system components are delivered exclusively project-related. A purchase of individual components is unfortunately not possible.

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Version 010523

TECHNICAL DATA

Amplifier Data	
Output power (Program/RMS)	2 x 1500/1000 W at 4 ohms
Input sensitivity	2 x 1 V, 10 kOhm, symmetrical
Frequency range	20 – 20,000 Hz
Signal to noise ratio	> 103 dB
Crosstalk attenuation	85 dB
Distortion	<0.29%
Output impedance per channel	> 2 ohm
Power supply (main supply)	220-240 VAC, 50/60 Hz
Power consumption	2600 VA (load) 19.2 VA (quiescent) 9.8 VA (standby)
Protection class	IP 30
Dimensions (W x H x D)	483 x 88 x 300 mm (2U)
Weight	7.3 kg
Operating temperture	-5C° to + 55 C°

Member of the ZVEI - Central Association for the Electrical Engineering and Electrical Industry eV Safety Association

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