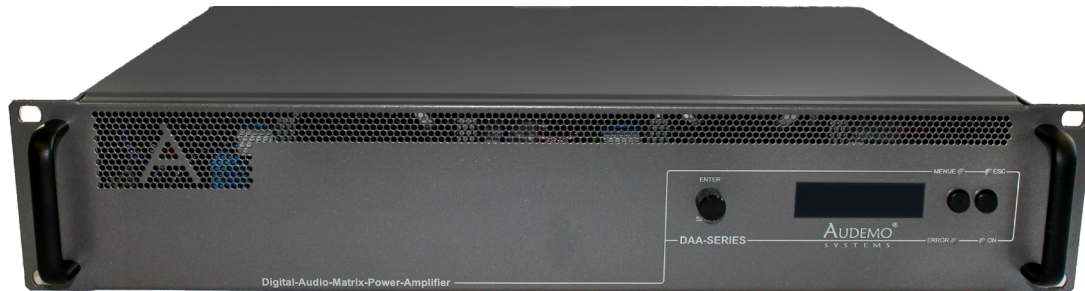


## DAA-2358 A

Digital-Audio-Matrix-Octal-Power-Amplifier 8x 150/100W

Made  
in  
Germany



### APPLICATION

- Pro-Audio
- Background Music
- Audio Visual

### AREA OF USE

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

### OVERVIEW

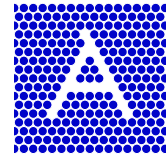
The Digital Audio Matrix Octal Power Amplifier DAA-2358 A is a professional, fully monitored Class D 100V octal power amplifier. The switching power supply integrated in each output stage block contributes to the additional optimization of the efficiency.

Its speaker outputs are designed using transformer less technology. Each of the eight power amplifiers 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 and Phoenix connectors. The DAA-2358 A has built-in slots for the digital amplifier control module, 8 AF input transformers for all channels (optional) and for all the built-in modules listed below. Due to its high level of efficiency, the technology is extremely energy-saving and is characterized by low heating of the components. By using the DAA-2379 B digital emergency power input module, the DAA-2358 B can be operated with 24V emergency power.

The Digital Audio Amplifier Control Module DAA-2310 B enables the amplifier to be controlled and monitored. With the help of the system software license DAA-2390 B, all processes and communication with all system components can be controlled using an optional RS-232 interface module DAA-2387 B or the digital network interface module RS-485 DMS -2064 B can be made.

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.



## TECHNICAL DATA

### Digital-Audio-Matrix-Octal-Power-Amplifier 8x 100 (DAA-2358 A)

Output Power (Program/RMS)	8 x 150/100W
Input sensitivity	8 x 1 V, 10 kOhm, balanced, for DPA-2220 B with DPA-2221B
Frequency range	20-20,000Hz
Signal-to-noise ratio	>103 dB
Crosstalk attenuation	85dB
Distortion factor	<0.29%
Power supply (main supply)	220-240VAC, 50Hz
Power consumption	1500 VA (load) 19.2 VA (rest) 9.8 VA (standby)
Dimensions (W x H x D)	483 x 88 x 330mm (2U)
Weight (at full configuration)	9.5kg
Protection class	IP30

### Digital Emergency Power Input Module 24V (DAA-2279 B)

Input voltage	24VDC (20V - 29V)
Output power max.	700W
Input current	30A
Dimensions (W x H x D)	50x50x180mm
Weight	465g

### HF Shielding Modules (DAA-2389 B)

Dimensions (W x H x D)	35x48x1mm
Weight	10g

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