

## EV 501 D

### Digital Single Channel Amplifier

The AVE model EV 501 D is an efficient class D amplifier in a 1 U metal housing. It is suitable for installation in 19" racks. Status and signal LEDs are located on the front. On the rear panel there is a volume control, a balanced XLR 3 audio input 0dBu/-10 dBu, a balanced XLR 3 LINK output and removable Phoenix terminals to which 100 V speaker lines can be connected. The unit uses natural convection for cooling. The safety functions include heat, overload and short-circuit protection.

#### Features:

- Constant output voltage
- High efficiency
- Thermal protection
- Overload protection
- Cooling with natural convection
- Balanced inputs on XLR socket
- Selectable high pass filter
- Ready for installation in 19" rack
- Compact design due to 1 HE
- Sturdy metal housing
- Epoxy corrosion protection coating

#### Technische Daten:

Power supply	230VAC +/- 10%
Consumption	100VA
Nominal power output	500W
Distortion factor	<0,1%
Frequency response	50Hz – 30 kHz, 200Hz – 30 kHz with high pass filter
Signal-to-noise-ratio	>90dB
Input sensitivity	0 dBu (775mV), -10dBu (245mV)
Maximum input level	7V
Audio outputs	Speaker lines 100V (20 Ohm)
Front panel contros	Volume, Signal LED
Cooling	Natural convection
Dimensions	482 x 44 x 223 mm
Rack	1 U
Net weight	3.1 kg
Housing	Steel with epoxy paint



Technical changes are reserved