

# PA-9100D - Class D PA Amplifier



## Mono class D PA mixing amplifier

- 1 x 1,000 W
- Class D concept with PASCAL amplifier module
- Energy-efficient concept due to high efficiency
- Lightweight design due to compact switch-mode power supply
- Silent operation due to fanless cooling concept
- 4 balanced mic/line inputs
- Mic 1 with priority circuit and automatic talkover
- Additional connection for desktop microphone via screw terminal
- 1 aux input
- Speaker outputs via screw contacts
- Line output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- Input level control and output level control
- 2-way tone control for the output
- 48 V phantom power supply for each microphone input, to be activated individually
- Limiter switch 4 Ohm/8 Ohm/100 V
- Removable mounting brackets

## Technical data:

100 V	: 1
Low-impedance	: 1
Fanless	: 1
Peak output power	: -
Power rating	: 1,000 W
Power rating at 2 Ohm	: -
Power rating at 4 Ohm	: 900 W
Power rating at 8 Ohm	: 1,000 W
Power rating at 16 Ohm	: -
Power rating at 100 V	: 1000 W/9.2 Ohm
Power rating with 4 Ohm bridged operation	: -
Power rating with 8 Ohm bridged operation	: -
Output impedance	: 4-8 Ohm
Channels	: 5
Zones	: -
Inputs	: 3 mV (mic), 200 mV (line), 140 mV (aux)
Attenuation factor	: -
Frequency range	: 20-20,000 Hz
Crossover network	: -
Crossover frequency	: -
Integrated limiter	: yes
Equalizer bass	: $\pm 10 \text{ dB}/100 \text{ Hz}$
Equalizer midrange	: -
Equalizer treble	: $\pm 10 \text{ dB}/10 \text{ kHz}$
S/N ratio	: ? 80 dB
Crosstalk attenuation	: -
THD	: < 0.1%
Phantom power	: 48 V
Mains voltage	: $\sim 90\text{-}230 \text{ V}$
Mains frequency	: 50-60 Hz
Power consumption, operation	: 1,030 VA
Power consumption, standby	: -
Standby current	: -
Operating voltage (possible alternative)	: -

Power supply (possible  
alternative)

: -



Admiss. ambient temp.	: 0-40 °C
Width	: 482 mm
Height	: 88 mm
Depth	: 275 mm
Rack units, RU	: 2
Weight	: 5.6 kg
Connections	: 4 x XLR (mic/line), 1 x RCA L/R (aux), screw contacts (speakers)
Packing dimensions (W x H x L)	: 0.5 x 0.13 x 0.36 m
Gross weight	: 6.6 kg
Net weight	: 5.6 kg