

# 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 terminals
- 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

## Tekniske data

|  |   |
|--|---|
| 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<br>bridged operation | : -                                       |
| Power rating with 8 Ohm<br>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<br>alternative) | : -                                  |
| Power supply (possible<br>alternative)      | : -                                  |
| Admiss. ambient temp.                       | : 0-40 °C                            |

Width  
Height

: 482 mm  
: 88 mm





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|                 |   |
|-----------------|---|
| Depth           | : 275 mm  |
| Rack spaces, RS | : 2   |
| Weight          | : 5.3 kg  |
| Connections     | : 4 x XLR (mic/line), 1 x RCA L/R (aux), screw terminals (speakers) |