



# PA-1850D

Order No.: 0172960

## PRODUCTINFOS

### 8-channel class D PA amplifier

- 8 x 50 W
- Class D concept with a high efficiency to cut energy costs
- Requires a lower rechargeable battery capacity for emergency power operation than 100 V analogue amplifiers
- Clearly reduced cooling requirements due to low heat dispersion
- Silent operation due to fanless cooling concept
- Mute function for each channel
- Level control for each channel
- LED indication for clip and protect for each channel pair
- Protected against short circuit
- Mains operation or 24 V emergency power operation

## TECHNICAL SPECIFICATIONS

### PA-1850D

|                       |               |
|-----------------------|---------------|
| Power rating          | 400 W         |
| Power rating at 4 Ω   | 8 x 50 W      |
| Power rating at 100 V | 8 x 50 W      |
| Output impedance      | 4 Ω, 70/100 V |
| Channels              | 8             |

**PA-1850D**

|  |  |
|--|--|
| Inputs                                   | 1 V/20 k $\Omega$ unbal.<br>550 mV/20 k $\Omega$ bal.              |
| Frequency range                          | 10-20,000 Hz   |
| S/N ratio                                | > 65 dB  |
| THD                                      | < 0.5%   |
| Mains voltage                            | ~ 230 V  |
| Mains frequency                          | 50 Hz  |
| Power consumption, operation             | 600 VA   |
| Operating voltage (possible alternative) | DC 24 V  |
| Power supply (possible alternative)      | DC 18 A  |
| Admiss. ambient temp.                    | 0-40 °C  |
| Width                                    | 483 mm   |
| Height                                   | 90 mm  |
| Depth                                    | 398 mm   |
| Rack spaces, RS                          | 2  |
| Weight                                   | 18 kg  |
| Connections                              | 8 x XLR input, bal.<br>8 x RCA input,<br>screw contacts (speakers) |
| Packing dimensions (W x H x L)           | 0.47 x 0.17 x 0.58 m   |
| Gross weight                             | 20.45 kg   |
| Net weight                               | 18.17 kg   |