

# PA-900

Order no.: 0171190

## PRODUCT INFORMATION

**Mono PA mixing amplifier**

- 1 x 120 W
- 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 terminal contacts
- Line output
- Insert facility, e.g. for effect units, equalizers, feedback controllers
- Input and output level controls
- 2-way tone control for the output
- 20 V phantom power for each microphone input, to be activated individually
- Mains operation or 24 V emergency power operation
- Removable mounting brackets

**Manufacturer information:**
MONACOR INTERNATIONAL GmbH & Co. KG
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**Safety Notes and Warning Messages**

The unit uses dangerous mains voltage. Leave servicing to skilled personnel only and do not insert anything into the air vents. Inexpert handling may result in electric shock.
During operation, there may be a hazard of contact with a dangerous voltage of up to 100 V at the speaker terminals. Always switch off the amplifier before making or changing any connections.
Do not operate the unit and disconnect the mains plug from the socket immediately if the unit or the mains cable is visibly damaged; if a defect might have occurred after the unit was dropped or suffered a similar accident, if malfunctions occur. In any case, the unit must be repaired by skilled personnel.
The unit is suitable for indoor use only. Protect it against dripping water and splash water, high air humidity and heat (admissible ambient temperature range: 0 - 40 °C).
Never pull the mains cable to disconnect the mains plug from the socket, always seize the plug.
The heat generated inside the unit must be dissipated by air circulation; never cover the air vents of the housing.
If the unit is to be put out of operation permanently, take it to a local recycling plant for a disposal which is not harmful to the environment.

## SPECIFICATIONS

| **PA-900** | |
|---|---|
| Peak output power | 160 W |
| Power rating | 120 W |
| Power rating at 4 Ω | 120 W |
| Power rating at 100 V | 120 W |
| Power rating at 70 V | 120 W |
| Output impedance | 4 Ω |
| Channels | 5 |
| Inputs | 3 mV (mic), 200 mV (line), 140 mV (aux) |
| Frequency range | 50-15,000 Hz |
| Equalizer bass | ± 10 dB/100 Hz |
| Equalizer treble | ± 10 dB/10 kHz |
| S/N ratio | > 80 dB |
| THD | < 0.5% |
| Phantom power | 20 V |
| Power supply | ˜ 230 V/50 Hz/300 VA, DC 24 V/9 A |
| Mains voltage | ~ 230 V |
| Mains frequency | 50 Hz |
| Power consumption, operation | 300 VA |

**PA-900**

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|---|---|
| Operating voltage (possible alternative) | DC 24 V |
| Power supply (possible alternative) | DC 9 A |
| Admiss. ambient temp. | 0-40 °C |
| Width | 482 mm |
| Height | 88 mm |
| Depth | 275 mm |
| Rack units, RU | 2 |
| Weight | 9.9 kg |
| Connections | 4 x XLR (mic/line), 1 x RCA L/R (aux), screw contacts (speakers) |
| Packaging dimensions (W x H x L) | 0.36 x 0.155 x 0.5 m |
| Gross weight | 11.84 kg |
| Net weight | 10.13 kg |

**PA-900**

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|---|---|
| EAN code | 4007754171976 |
| Net weight | 10.13 kg |