

iA 4X120 / 4X240 / 4X500

FOUR CHANNEL INSTALLATION AMPLIFIERS

The iA 4X120, iA 4X240 and iA 4X500 are four-channel Class-D amplifiers delivering high-efficiency output for 100 V or 8-ohm systems. They feature a switching power supply with Power Factor Correction (PFC) to optimize energy use and reduce electrical load. Engineered for fixed installations, these amplifiers include active fan cooling, transformerless 100 V outputs, and rack-mount design. Interchangeable input module allows replacing amplifier analog channel inputs with optional AES67 or Dante digital audio interface (available upon request). Robust build ensures long-term reliability in commercial environments with minimal maintenance. Designed for contractor-grade public address and background music applications in multi-zone installations.



Digital input module (optional):
Dante / AES67/ AES67 + DSP

| Technical Specifications | iA 4X120 | iA 4X240 | iA 4X500 |
|----------------------------|---|-----------|-----------|
| Power supply | AC 230 V / 50 Hz | | |
| Output power | 4 x 120 W | 4 x 240 W | 4 x 500 W |
| Output | 100 V and 8 Ω, Phoenix connector | | |
| Inputs | Line-level, balanced Phoenix connector | | |
| Digital input (optional) | RJ45 input module with AES67 (with or without DSP) or Dante interface | | |
| Input sensitivity | 0 dBu | | |
| Volume control | Min position $-\infty$ Max position 0 dB | | |
| Total harmonic distortions | < 0.1 % | | |
| S/N ratio | 80 dB | | |
| Low cut filter | 80 Hz, individually switchable for each channel | | |
| Frequency response | Low cut off: 20 Hz - 20 kHz Low cut on: 80 Hz - 20 kHz | | |
| Cooling | Fan powered cooling system | | |
| Indicators | PowerON: blue Signal: green Clip: amber Protect: red | | |
| Auto standby function | Individually switchable for each channel Activation period (no input signal detected): 2 minutes | | |
| Dimensions | 482 mm x 420 mm x 44 mm | | |
| Weight | 6,5 kg | | 7.1 kg |

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Front panel view



Rear panel view



Digital audio input module

