PUBLIC ADDRESS, POWERED MATRICES

Aio4125

Part no. H11854 EAN 3662009029276

All-in-one 4x4 amplified audio matrix for multi-zone installations.

Compact 4x4 amplified audio matrix (1U half-rack 19") integrating mixing, DSP and amplification in a single device. 4x125W @ 4Ω or 2x250W @ 100V/Bridge. Pascal UMAC™ class D modules, intuitive web interface, control via AioCTL. Ideal for public areas requiring a professional, scalable multi-zone solution.



PRODUCT PAGE ONLINE

audiophony-pa.com/aio/aio-4125.html

Manuals, compatible accessories and updates — scan the code or click the address.

User manual (PDF)

Technical specifications

Amplification	**4x125W @ 4Ω / 2x250W @ 100V (Bridge) / 2x250W @ 8Ω (Bridge)**
Modules	**Pascal UMAC™ Class D**
THD+N	**< 0.05% (20 Hz–20 kHz)**
Signal-to-Noise Ratio	**> 106 dB**
Inputs	**4 analog (balanced Euroblock + unbalanced RCA), adjustable sensitivity (Micro/-10 dBu/+4 dBu/+14 dBu), 1 S/PDIF in/out**
DSP	**Three-level (input/zone/output), 5-band and 10-band parametric EQ, crossover, 512-tap FIR filter, compression, limiters**
Control	**HTML5 web interface, Wi-Fi + Ethernet, AioCTL-compatible, 8-pin GPIO**
Form factor	**19" 1U half-width rack**
Dimensions	**220 x 44.5 x 319 mm**
Weight	**2.8 kg**
Power supply	**100–240 V AC, 700 W max**
Included accessories	**Power cable, Euroblock connectors, rubber feet, documentation**

Overview

All-in-one 4x4 amplified audio matrix for multi-zone installations.

Take control of your sound environment with the Aio4125, the amplified audio matrix that transforms multi-zone management into a seamless and intuitive experience. In a compact 1U half-rack format, this device packs everything you need to create custom soundscapes in every space of your establishment: professional mixing, intelligent matrix routing, advanced DSP processing, and power amplification. From a cozy bar to a lively patio, from the dining room to the lounge area, the Aio4125 orchestrates your audio sources with the utmost sonic precision.

Pascal Audio technology at the service of your sound.

The Aio4125 is powered by Pascal UMAC™ power modules developed in Denmark, recognized worldwide for their excellence in professional amplification. This Class D technology delivers 4x125W @ 4Ω or 2x250W in 100V/Bridge mode, with exceptional energy efficiency and virtually no distortion (THD+N < 0.05%). The result? A clear, dynamic, and punchy sound, even under the most demanding conditions. The three-level DSP (input, zone, output) allows you to precisely shape the sound: parametric EQ, dynamic compression, delays, active filters, and phase correction. Lockable speaker presets ensure optimal performance in all circumstances, protecting your system while delivering professional-grade sound quality.

Easy installation, elegant control.

Set up your system in just a few minutes using the HTML5 web interface, accessible from any browser—no app to install. Matrix routing, source priority management, custom mix creation, zone-based restrictions: everything is just a click away. The comprehensive connectivity options (balanced/unbalanced inputs, S/PDIF for daisy-chaining, GPIO, Wi-Fi + Ethernet) ensure seamless integration into all your projects. The AioCTL wall-mounted controllers (optional) offer your clients and staff elegant and intuitive control: a backlit display, a clickable rotary knob, and essential functions (volume, source, mute).

Compatible accessories



SQ-212
B09187



SQ-218
B09189



SQ-215
B09188



Sline441W
H11638



Sline441B
H11639



Sline106W
H11726



Sline108B
H11727



Sline108W
H11728



Sline110B
H11729



Sline110W
H11730



Sline206B
H11731



Sline206W
H11732

Photo


NETWORK CONTROL
GPIO
DIGITAL
OUT
IN
ANALOG INPUTS
CH2
CH4
CH1
CH3
OUTPUTS
CLASS 2 WIRING
AC MAINS
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