

ALX 8.0 DANTE®

Digital steerable active column speaker

System-overview:

Digital steerable active Column-Speaker with DANTE®-Input

The AIMLINE ALX-series consist of the ALX-8, that can be cascaded up to 4 units vertically and horizontally.

The main features are:

- DANTE®-in- and out
- Multibeam-technology
- 4"-chassis with fiberglass-membrane
- Acoustic centre for both beams variable from the bottom to the top
- 3-D-beam for horizontal and vertically aiming
- Strong SPL
- Analogue and digital inputs
- Networking over IP-protocol
- Heavy-duty aluminium-enclosure in a slim design

A separate digital amp with its own digital signal processor drives each of the components.

This technology gives the benefit of being able to aim the acoustical energy up and down the room. This avoids energy waves hitting any walls, windows, glass and other hard surfaces resulting in unwanted reflections:

AIMLINE the sound to the audience.

The internal digital signal processor also enables a compressor, a gate, a 10-band-parametric equalizer and a delay to be placed into the audio-input path. With simple Windows-software every parameter can be set in real time. All speakers are recognized within a network by their IP-address. ALX-cabinets can be fully monitored for surveillance-issues.

Thanks to its very small and unobtrusive enclosure the AIMLINE-Speaker is a fit for most architecturally sensitive environment including museums, churches, conference-rooms and many more challenging spaces and environments.

With its two-channel DANTE®-input integration into existing IP-networks as well as a direct integration to other DANTE®-enabled products is simple.

The ALX-series will be built in a version for the installation-market as well as in a version for rental-market.

AIMLINE-speaker can be ordered in any RAL-Colour to match the environment. AIMLINE-speaker are completely built in Europe.

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Technical Data:

Configuration:	Fullrange-System 8 x 4" neodym-chassis
Amplifier output:	Digital PWM, 8 x 40W
DSP-Channels:	8 -channel -DSP
Dispersion horizontal:	120° (-6dB@1kHz-8kHz)
Dispersion vertical:	5° to 40° (digitally variable with Windows-software)
Elevation angle:	-40° - +40° (digitally variable with Windows-software)
Frequency-Range:	90Hz – 18 kHz
Typical Throw:	25 m
Sound-Pressure:	107,2dB (1W/1M)
Audio-Input:	2-channel DANTE® 2-channel analogue line with automatic priority
Input-Level:	-20dB to +6dB
Input-Limiter:	-40dB to +6dB , Slow/Normal/Fast, adjustable
Delay:	internal up to 170 meters
Parametric equalizer:	20-20kHz/-20+12dB/0.05-3db(oct)
Power consumption:	min: 20VA, max 400VA
Protection circuits:	Limiter, short circuit, overheat, overload, softstart, subsonic
Surveillance:	Temperature, protect, signals, power supply, fault message contacts, pilot tone monitoring
Temperature range:	-5° bis +40°
Enclosure:	Aluminium, powder coated
Weight:	9kg
Dimensions:	H-805 x W-120 x D-151 (mm)