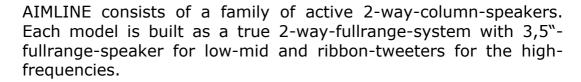


# ALM 17.3 Digital steerable active column speaker

### **System-overview:**

Digital steerable active Column-Speaker



Each of these components is driven by a separate digital amp with its own digital signal processor.

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.

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.

To connect an AIMLINE-Speaker only a network-CAT-5-cable is necessary for audio and control-data. This will minimize installation- and cable-costs.

AIMLINE-Speakers can be ordered in any RAL-Colour to match the environment.

AIMLINE-Speaker are completely built in Europe.



## **ALM 17.3**

## Digital steerable active column speaker

#### **Technical Data:**

Configuration: 2-Way-fullrange-System

17 x 3,5" neodym-chassis

3 x HF-magnetostats

Amplifier output: 16 x Class-D-amplifier, 8 x 50 Watt

DSP-Channels: 16 -channel -DSP

Dispersion horizontal: 130° (-6dB@1kHz-8kHz)

Dispersion vertical: 5° to 15° (digitally variable with Windows-

software)

Frequency-Range: 90Hz - 18 kHz

Typical Throw: 35 m

Focus-Distance: 5 to 70 m

Sound-Pressure: 91dBA (pink noise / 25 m)

98dB SPL-Peak / 25 m

Audio-Input: Input 1: 0 dB Line-Level / XLR through USB-

Interface

Input 2: 0 dB-Line-Level through connector in

the column

Input-Level: -20dB to +6dB

Input-Limiter: -40dB to +6dB , Slow/Normal/Fast,

adjustable

Delay: intern up to 170 meters

Noise-Gate: (Level/Attack/Release) -90db/-3dB(300us-

5000us)(1ms-3000ms)

Parametric equalizer: 20-20kHz/-20+12dB/0.05-3db(oct)

Harmonic distortion: > 0,1%

Power consumption: min: 20VA, max 200VA

Protection circuits: Limiter, short circuit, overheat, overload,

softstart, subsonic

Temperature range: -5° bis +40°

Enclosure: Aluminium, powder coated

Weight: 9,6 kg

Dimensions:  $H-2312 \times W-105 \times D-111 \text{ (mm)}$