

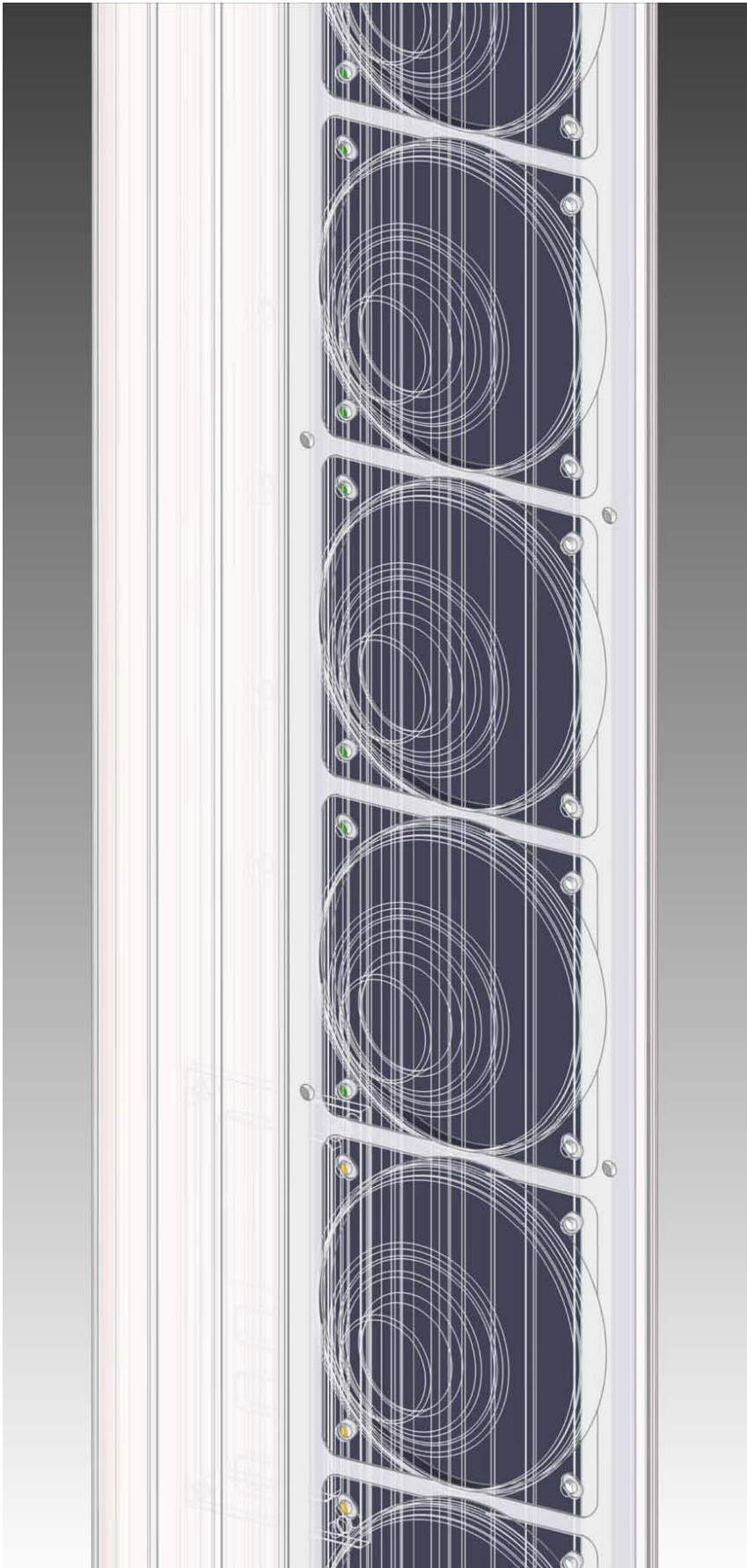
AVE Audio

Passive Column Speaker
LIVE-XC 100 V



**A.V.E. GmbH
Audio Vertriebs-
Entwicklungsgesellschaft**

Germany



**Passive
Column
Speaker**

**LIVE-XC
120 100V
Datasheet**

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1.0 – Acoustic Specifications¹

Frequency Bandwidth

140 Hz to 18 kHz (± 2 dB)

Peak SPL

99 dB at 1 m

Coverage

Horizontal (fixed)	Ca. 110°
Vertical (fixed)	Ca. 32°
Typical Throw	Ca. 10 - 12 m

Transducers Type

Number of Transducers	12 Loudspeakers
Diameter	3.5" Broadband
Magnets Material	Ferrite

2.0 – Electrical Specifications

Audio Input:

Input Type	100 V Transformer
Continuous Power (AES)	120 W
Impedance	83 Ω at 1 kHz

Connectors

Audio Inputs Connector	3-pole, WAGO 221-2411 Connector
Audio Inputs Pinout	pin 1(black): (-) pin 2(red): (+), 120W

pin 3(yellow): (+), 60W

3.0 – General Specifications

Mechanical

Height	1270 mm
Width	90 mm
Depth	96 mm
Weight	6.15 kg (13.55 lbs.)
Cabinet	Powder Coated Aluminum Extrusion
Colour	RAL 9010
Special Colour	Available for an additional charge

Temperature Range

-20°C to 50°C (-4°F to 122°F)

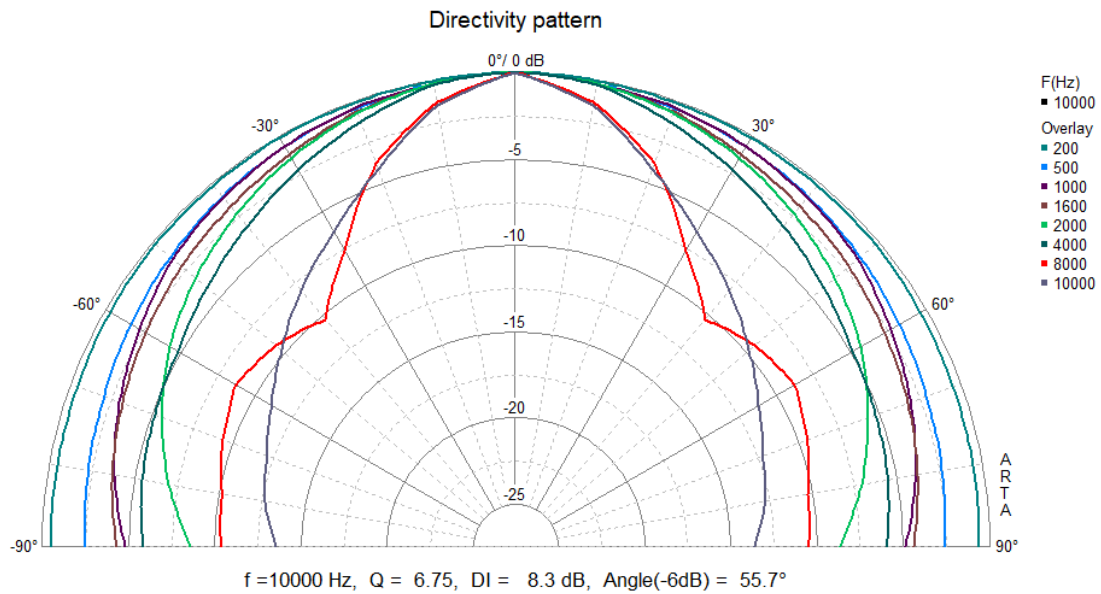
Dust and Water Protection Class

IP 3x

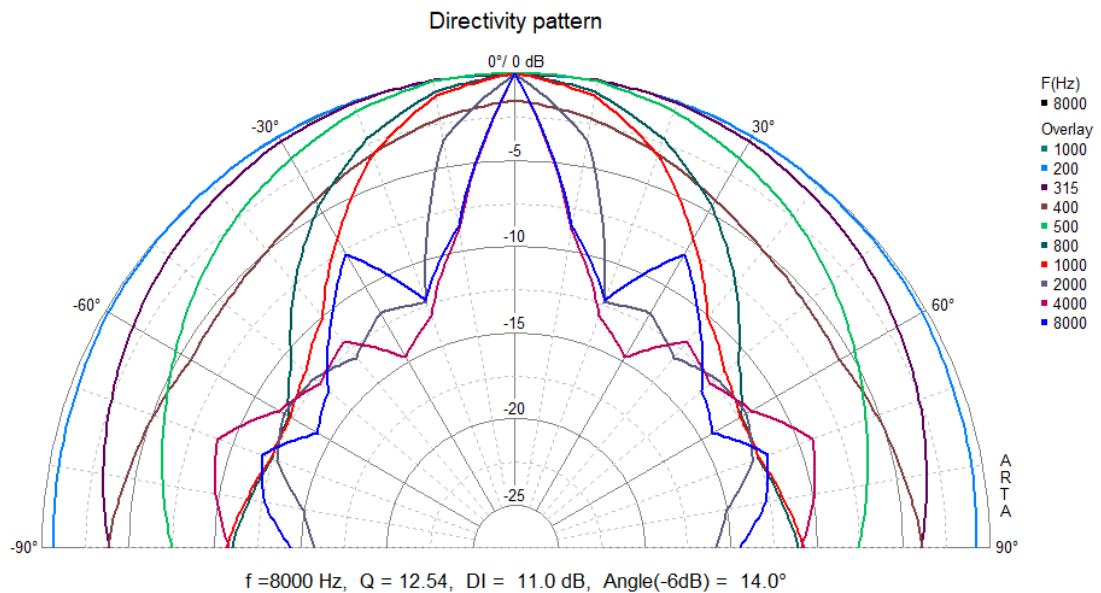
Certificates

CE

4.0 – Measuring Sheets¹



Horizontal Polar Plane



Vertical Polar Plane

¹* Measured outdoors under semi-anechoic full-space conditions using typical filter and delay settings, unless noted. Levels refer to pink noise (100 Hz–20 kHz, 6 dB crest)
Column speaker data is 1/3-octave averaged, measured on-axis at 1 meter with 1 W per channel. Specified bandwidth assumes full-space conditions.

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German Technology

Made in Germany



AVE GmbH
Gustav-Rau-Straße, 6
74321 - Bietigheim-Bissingen
Germany

Telefon: +49 (0) 7142-78879-10
Fax: +49 (0) 7142-78879-18

www.ave-stuttgart.com
info@ave-stuttgart.de