

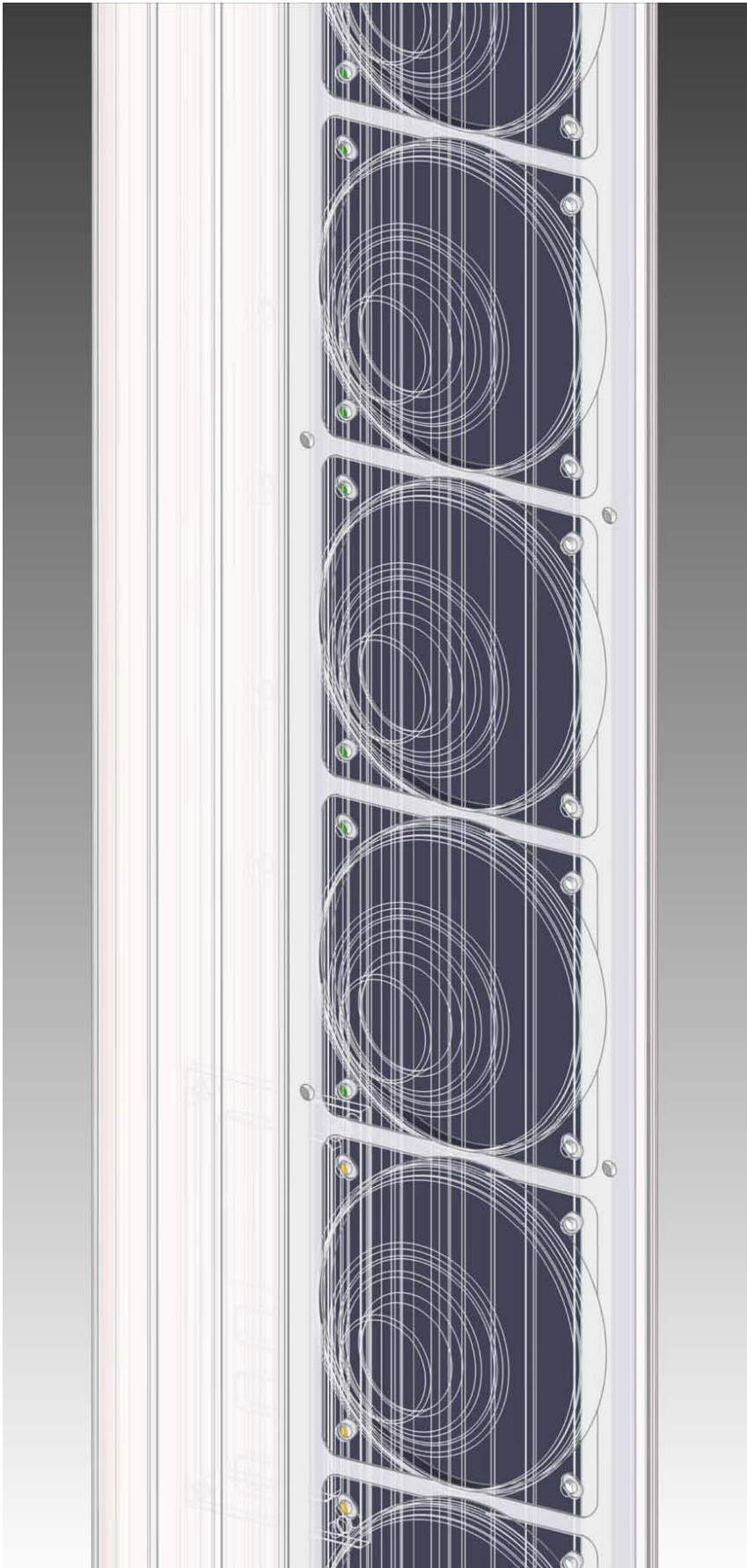
AVE Audio

Passive Column Speaker
LIVE-XC LZ



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

Germany



**Passive
Column
Speaker**

LIVE-XC

80 LZ

Datasheet

Table of Contents

- 1. Acoustic Specifications**
- 2. Electrical Specifications**
- 3. General Specifications**
- 4. Measuring Sheets**

1.0 – Acoustic Specifications¹

Frequency Bandwidth

140 Hz to 18 kHz (± 2 dB)

Peak SPL

96 dB at 1 m

Coverage

Horizontal (fixed)	Ca. 110°
Vertical (fixed)	Ca. 44°
Typical Throw	Ca. 8 - 10 m

Transducers Type

Number of Transducers	10 Loudspeakers
Diameter	3.5" Broadband
Magnets Material	Ferrite

2.0 – Electrical Specifications

Audio Input:

Input Type	Low Impedance
Continuous Power (AES)	80 W
Impedance	8 Ω at 1 kHz

Connectors

Audio Inputs Connector	2-pole, WAGO 770-242 Connector
Audio Inputs Pinout	pin 1: (-) pin 2: (+)

3.0 – General Specifications

Mechanical

Height	940 mm
Width	90 mm
Depth	96 mm
Weight	4.85 kg (10.69 lbs.)
Cabinet	Powder Coated Aluminum Extrusion
Colour	RAL 9010
Special Colour	Available for an additional charge

Temperature Range

-20°C to 50°C (32°F to 102°F)

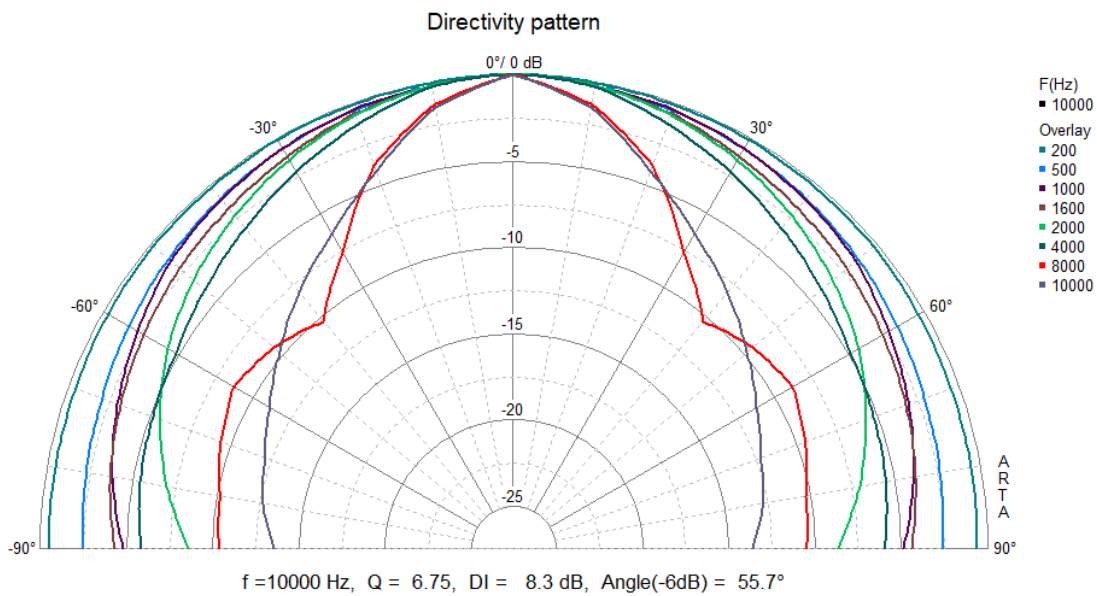
Dust and Water Protection Class

IP 3x

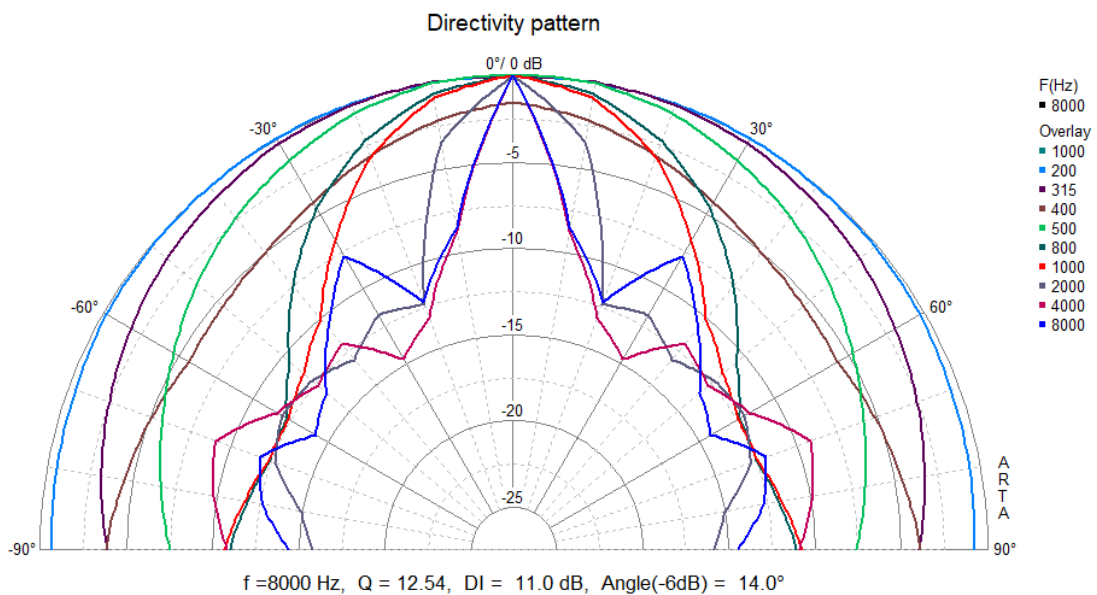
Certificates

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.

Notice

ALL AVE GmbH DESIGN SPECIFICATIONS, FILES, DRAWINGS, TABLES, LISTS, AND OTHER DOCUMENTS ARE BEING PROVIDED “AS IS.”

AVE GmbH MAKES NO WARRANTIES, EXPRESSED, IMPLIED, STATUTORY, OR OTHERWISE WITH RESPECT TO THE MATERIALS, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.

Information furnished is believed to be accurate and reliable. However, AVE GmbH assumes no responsibility for the consequences of use of such information or for any infringement of patents or other rights of third parties that may result from its use. No license is granted by implication or otherwise under any patent or patent rights of AVE GmbH. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. AVE GmbH products are not authorized for use as critical components in life support devices or systems without express written approval of AVE GmbH Corporation.

Trademarks

AVE GmbH, “Ascolto” and the AVE logo are trademarks or registered trademarks of AVE GmbH in the Germany and other countries. Other company and product names may be trademarks of the respective companies with which they are associated.

Copyright

© 2026 AVE GmbH. All rights reserved.



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