

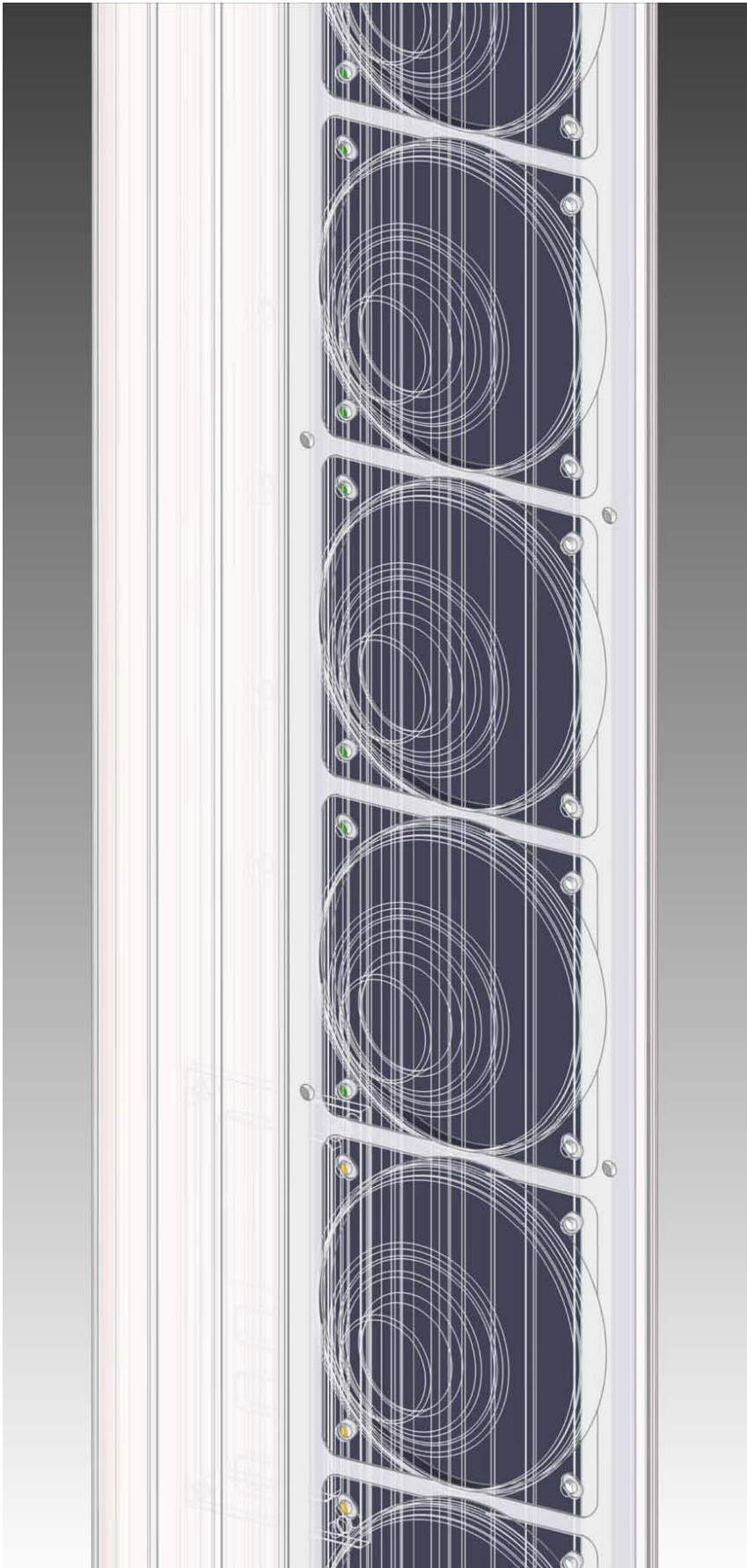
**AVE Audio**

Passive Column Speaker  
**LIVE-XC 100V**



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

**Germany**



**Passive  
Column  
Speaker**

**LIVE-XC**

**80 100V**

**Datasheet**

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## 1.0 – Acoustic Specifications<sup>1</sup>

### Frequency Bandwidth

140 Hz to 18 kHz ( $\pm 2$  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	100 V Transformer
Continuous Power (AES)	80 W
Impedance	120 $\Omega$ at 1 kHz

### Connectors

Audio Inputs Connector	3-pole, WAGO 221-2411 Connector
Audio Inputs Pinout	pin 1(black): (-) pin 2(red): (+), 80W

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pin 3(yellow): (+), 40W

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### 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

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#### Temperature Range

-20°C to 50°C (-4°F to 122°F)

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#### Dust and Water Protection Class

IP 3x

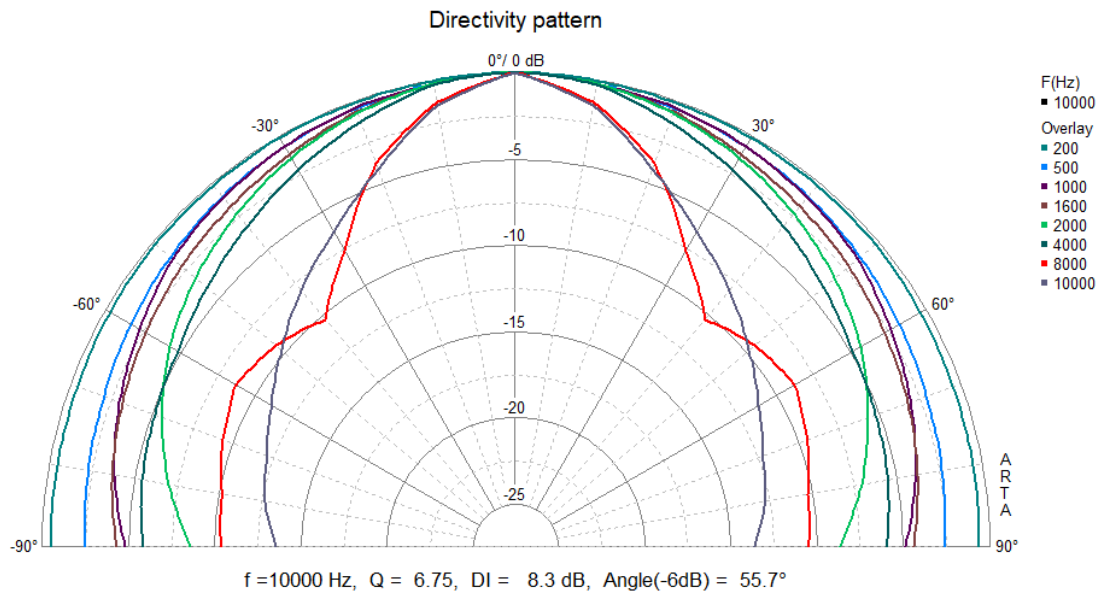
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#### Certificates

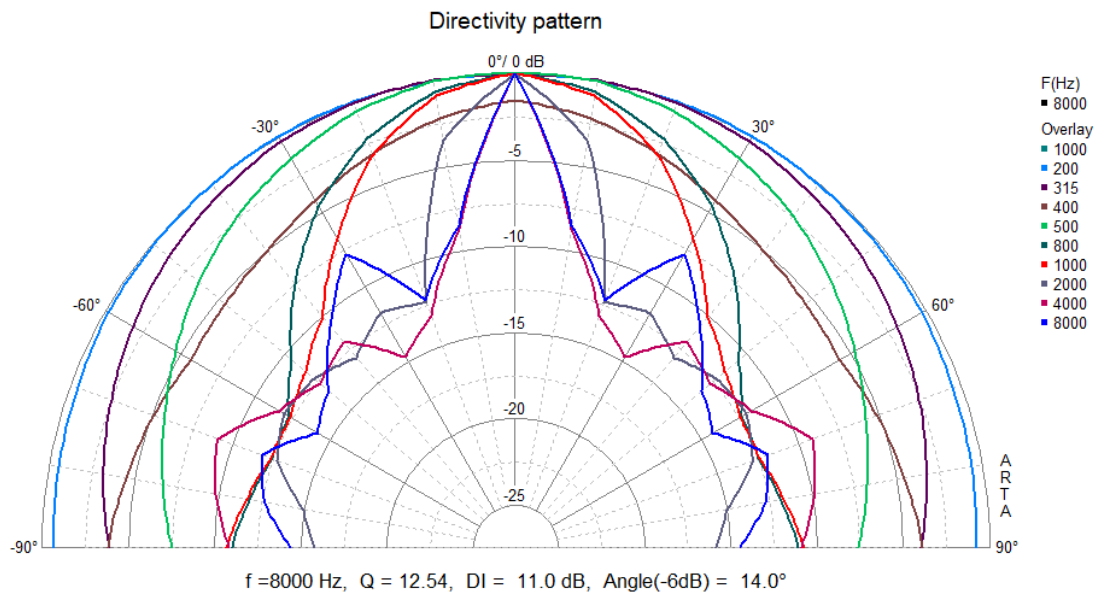
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## 4.0 – Measuring Sheets<sup>1</sup>



### Horizontal Polar Plane



### Vertical Polar Plane

<sup>1</sup>\* 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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