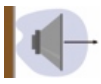
ALW 8.2C

Passive high power horn speaker with cardioid technology

Main features:

- 2-way system
- 2 x 8”
- 1,5” HF driver on CD horn
- Cardioid-technology
- High SPL
- Wooden enclosure
- Slim Design
- Exact dispersion



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System-overview:

The AKW 8.2 HC is a column system element with cardioid dispersion character that can be used as single unit or in groups. With the Cardioid technology it is possible to transfer the directivity characteristics of directional microphones to loudspeaker systems. This enables a perfect directional effect over a broad frequency spectrum. In case of the ALW 8.2 HC the sound is projected in the form of a cardioid plane, suppressing unwanted reflections to the sides or the back. By arraying several elements vertically, this controlled dispersion is extended deeply into the low frequency range, both in the vertical and the horizontal planes. Because of these characteristics, it is possible to place two or three vertical arrays next to each other without causing mutual interferences. This small line array system element is especially suitable for very narrow and acoustically problematic rooms because of its unique properties.

The ALW 8.2 HC can be used universally as a single unit.
The ALW 8.2 HC is available in 16Ohm or 8Ohm version.

Available as IP68-version on request.

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Technical Data:

Configuration:	2-Way-fullrange-System, Bass reflex
Assembly:	2 x 8" neodymium-chassis 1 x 1,5" HF-driver
Impedance:	16Ohm / 4 Ohm on request
Power handling	800/1600Watts
Dispersion horizontal:	80° (-6dB, 1kHz-8kHz)
Dispersion vertical:	50°
SPL (1W/1M):	106dB
SPL max:	141dB
Frequency response:	98Hz – 20kHz
Enclosure:	Plywood, coated
Connector:	Speakon®
Colour:	Standard RAL9005 black, any RAL colour available
Weight:	23kg
Dimensions:	H-600 x W-3200 x D-480 (mm)
Accessories:	Horizontal and vertical wall mount brackets
Options:	RAL-colour, 100-Volt transformer Available as IP65-version on request