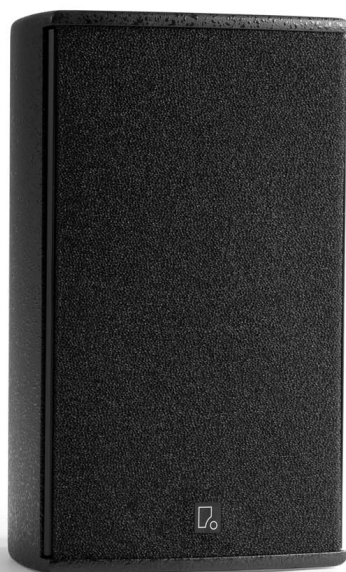


Arc

AT-05

Passive fullrange speaker for fixed installations, 5" / 1", 80 W,
110 dB SPL max., approx. 165 × 285 × 200 mm



Arc AT-05

The AT-05 is the smallest passive fullrange speaker of the Arc series. It was developed for fixed installations and captivates with its broadband reproduction and compact dimensions. The loudspeaker is optimized for speech and music transmission at short distances. In addition to their outstanding technical features, the models of the Arc series are generally characterized by their attractive design.

Main features

- 5" / 1" dome tweeter with short horn and electronic high frequency protection
- Nominal power rating: 80 watts at 8 ohms
- Dispersion: 90 ° × 90 ° (H × V)
- SPL max.: 110 dB
- Connections: 8-pole Phoenix connector
- High-quality wooden enclosure (MDF)
- Available in RAL Classic, NCS or Pantone colors on request
- Various mounting options
- In order to ensure performance and operational safety, Fohhn system amplifiers including the correct speaker preset are required.

Available with the following color options



Black



White

Equipped with the following Fohhn technologies



100 V optional



Special colors optional



Ball impact resistant

Technical data

Electroacoustic features

acoustic design	compact, passive loudspeaker, 2-way, vented design
power rating (nominal)	80 watts
power rating (program)	160 watts
power rating (peak)	320 watts
components	5" / 1" calotte horn, with self-resetting Polyswitch-HF protection
sensitivity	88 dB
maximum SPL	110 dB
frequency range	60 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	90° × 90°

Physical features

enclosure	MDF
connectors	8-pin Phoenix terminal
dimensions (w × h × d)	approx. 165 × 285 × 200 mm
weight	approx. 4.5 kg
standard colors	textured paint, black or white
front design	acoustic foam, same colour as enclosure
protection grille	steel grille, ball impact resistant, powder coated
mounting points	5 × M6 thread

Optional features

special colors	RAL Classic / NCS / Pantone on request
integrated 100 V transformer	25 W / 12,5 W / 6,25 W

CAAD simulation data

simulation data	EASE, CLF, Ulysses, Fohhn Designer
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power rating (nominal/program): according to IEC-60268-5 (long term/short term)

power rating (peak); maximum SPL: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range, with speaker preset

sensitivity: 2,83 V at 8 ohms (2 V at 4 ohms, 4 V at 16 ohms) at a distance of 1 m under anechoic fullspace conditions

frequency range: -10 dB under anechoic halfspace-conditions with speaker preset

weight: net weight without optional equipment

nominal dispersion: -6 dB compared to the main dispersion axis

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