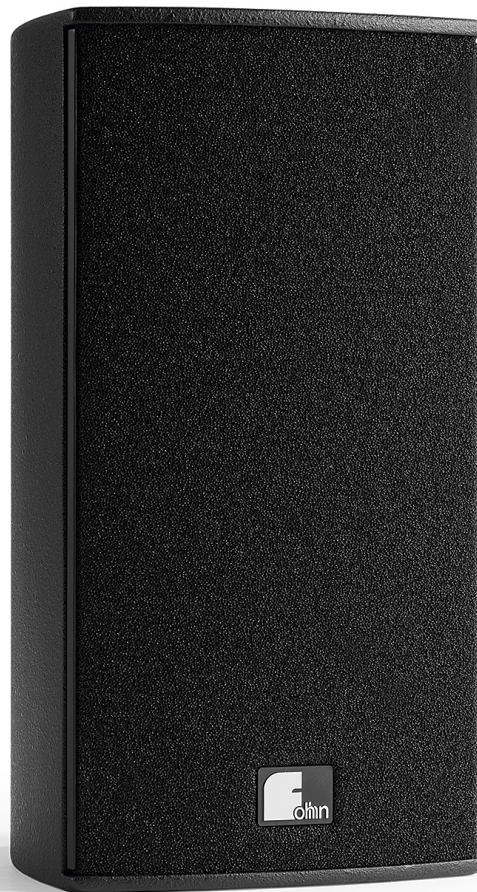


Arc

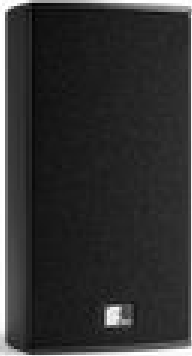
AT-061

Passive fullrange speaker for fixed installations, 6" / 1", 100 W, 113 dB SPL max., approx. 195 × 380 × 230 mm



Arc AT-061

The AT-061 is a passive fullrange speaker for fixed installations. It captivates with its broadband reproduction and very compact dimensions. The loudspeaker is optimized for speech and music transmission at short distances. In addition to outstanding technical features, the models of the Arc series are generally characterized by their attractive design.



Main features

- 6" / 1" dome tweeter with short horn and electronic high frequency protection
- Nominal power rating: 100 watts at 16 ohms
- Dispersion: 80 ° × 80 ° (H × V)
- SPL max.: 113 dB
- Connections: 8-pole Phoenix connector
- High-quality wooden enclosure (multiplex birch)
- Available in RAL Classic, NCS or Pantone colors on request
- Optionally available with weatherproof PU coating
- 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	passive loudspeaker, 2-way
power rating (nominal)	100 watts
power rating (program)	200 watts
power rating (peak)	400 watts
components	6" / 1" calotte horn, with self-resetting Polyswitch-HF protection
sensitivity	88 dB
maximum SPL	113 dB
frequency range	45 Hz – 20 kHz
nominal impedance	16 ohms
2-way design	yes
nominal dispersion (h x v)	80° x 80°

Features

enclosure	MDF
front design	acoustic foam, same colour as enclosure
protection grille	steel grille, ball impact resistant, powder-coated
weight	approx. 5.5 kg
standard colours	textured paint, black or white
mounting points	6 x M6 thread
connectors	8-pin Phoenix terminal
dimensions (W x H x D)	approx. 195 x 380 x 230 mm

Optional features

optional weather protection	polyurethane coating, water-repellent speaker cone impregnation
integrated 100 V transformer	60 W / 30 W / 15 W or 25 W / 12.5 W / 6.25 W
optional colours	RAL Classic / NCS / Pantone on request

CAAD simulation data

simulation data	EASE
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power rating (nominal/program): according to IEC-60268-5

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

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

weight: net weight without optional equipment

Intelligent Protection Circuit (IPC): voltage-controlled semiconductor circuit protecting the HF-driver against overload highly effective and with very short attack time

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

heat dissipation: pink noise, 6 dB crest, 1/4 Pmax

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