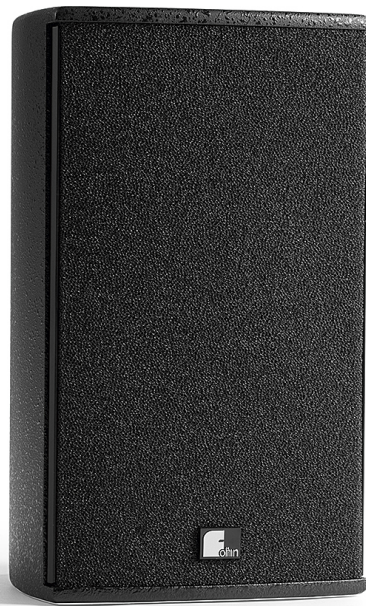


Arc

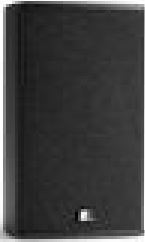
AT-05

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

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
nominal impedance	8 ohms
2-way design	yes
nominal dispersion (h x v)	90° x 90°

Features

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

Optional features

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

CAAD simulation data

simulation data	EASE, Ulysses
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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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