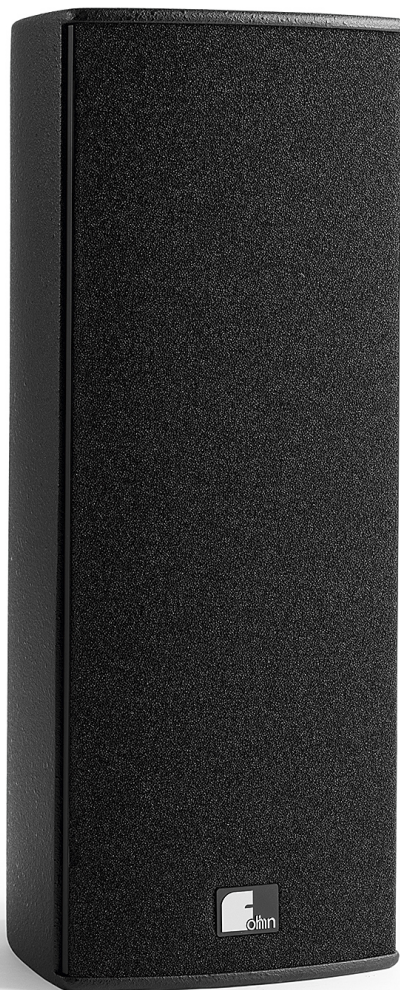


Arc

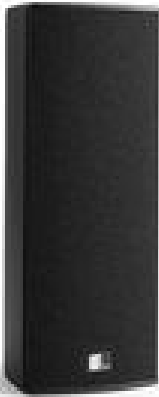
AT-09

Passive fullrange speaker for fixed installations, 2 ×
6.5" / 1", 200 W, 125 dB SPL max., 195 × 510 × 230 mm



Arc AT-09

The AT-09 is a passive fullrange speaker for fixed installations. It impresses with its high performance capacity, compact dimensions and directed dispersion characteristic. In addition to outstanding technical features, the models of the Arc series are generally characterized by their attractive design.



Main features

- 2 × 6.5" / 1" compression driver on rotatable CD horn, electronic high frequency protection
- Nominal power rating: 200 watts at 8 ohms
- Dispersion: 90 ° × 40 ° (H × V)
- SPL max.: 125 dB
- Dual connection panel: Speakon and 4-pole connector (inside, with cable outlet)
- 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, symmetrical design, sealed box |
| power rating (nominal) | 200 watts |
| power rating (program) | 400 watts |
| power rating (peak) | 800 watts |
| components | 2 × 6,5" / 1" on rotatable CD-horn, with self-resetting Polyswitch-HF protection |
| sensitivity | 97 dB |
| maximum SPL | 125 dB |
| frequency range | 75 Hz – 20 kHz |
| nominal impedance | 8 ohms |
| 2-way design | yes |
| nominal dispersion (h × v) | 90° × 40° |

Features

| | |
|------------------------|---|
| enclosure | multiplex birch plywood, reinforced with steel braces |
| front design | acoustic foam, same colour as enclosure |
| protection grille | steel grille, ball impact resistant, powder-coated |
| weight | approx. 8.1 kg |
| standard colours | textured paint, black or white |
| mounting points | 10 × M6 thread |
| connectors | 1 × Neutrik NL4 Speakon and 4-pole connector inside |
| dimensions (W × H × D) | 195 × 510 × 230 mm |

Optional features

| | |
|------------------------------|---|
| optional weather protection | polyurethane coating, water-repellent speaker cone impregnation |
| integrated 100 V transformer | 60 / 30 / 15 W or 120 / 60 / 30 W |
| optional colours | RAL Classic / NCS / Pantone on request |

CAAD simulation data

| | |
|-----------------|---------------|
| simulation data | EASE, Ulysses |
|-----------------|---------------|

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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