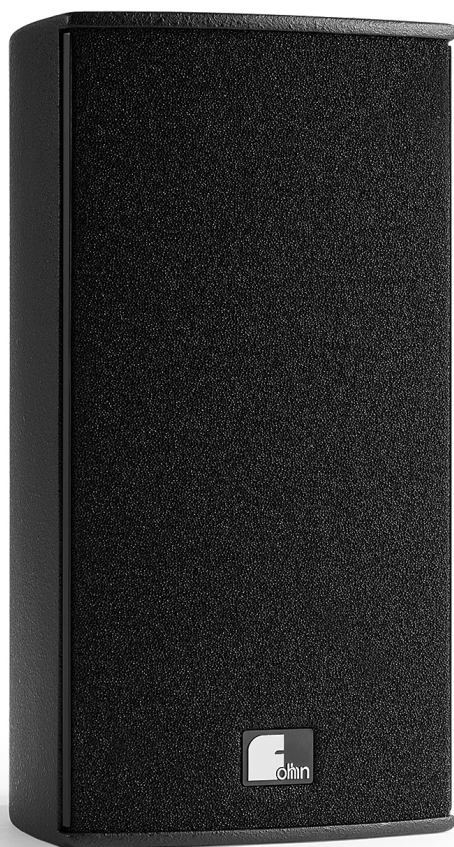


Arc

AT-07

Passive fullrange speaker for fixed installations, 6.5"/1", 150 W,
123 dB SPL max., approx. 195 x 380 x 230 mm



Arc AT-07



The AT-07 is a passive fullrange speaker for fixed installations. It impresses with its high performance capacity and compact dimensions.

In addition to outstanding technical features, the models of the Arc series are generally characterized by their attractive design.

Main features

- 6.5" / 1" compression driver on rotatable CD horn, electronic high frequency protection
- Nominal power rating: 150 watts at 16 ohms
- Dispersion: 90 ° x 60 ° (H x V)
- SPL max.: 123 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, vented design |
| power rating (nominal) | 150 watts |
| power rating (program) | 300 watts |
| power rating (peak) | 600 watts |
| components | 6,5" / 1" on rotatable CD-horn, with self-resetting Polyswitch-HF protection |
| sensitivity | 96 dB |
| maximum SPL | 123 dB |
| frequency range | 65 Hz – 20 kHz |
| 2-way design | yes |
| nominal impedance | 16 ohm |
| nominal dispersion (h × v) | 90° x 60° |

Physical features

| | |
|------------------------|---|
| enclosure | multiplex birch plywood, reinforced with steel braces |
| connectors | 1 x Neutrik NL4 Speakon and 4-pole connector inside |
| dimensions (w × h × d) | approx. 195 x 380 x 230 mm |
| weight | approx. 7 kg |
| standard colours | textured finish black or white |
| front design | acoustic foam, same colour as enclosure |
| protection grille | steel grille, ball impact resistant, powder-coated |
| mounting points | 9 x M6 thread |

Optional features

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

CAAD simulation data

| | |
|-----------------|-------------------------------|
| simulation data | EASE, Ulysses, Fohhn Designer |
|-----------------|-------------------------------|

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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