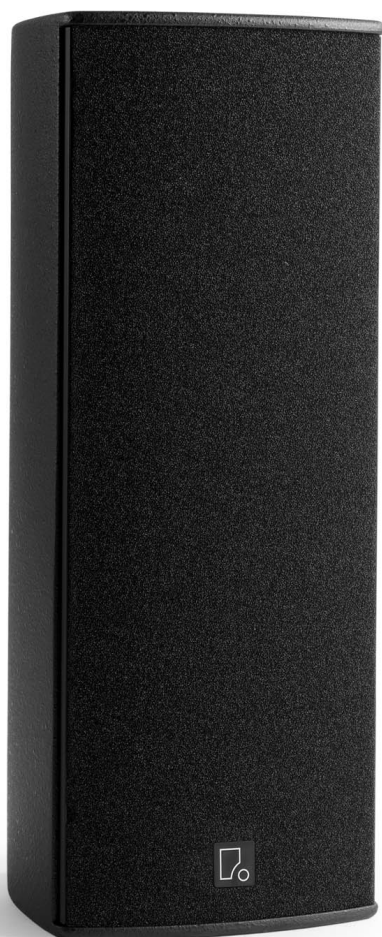


# Arc

## 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 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 CD-horn, with self-resetting Polyswitch-HF protection
sensitivity	97 dB
maximum SPL	125 dB
frequency range	75 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	90° × 40°

## Physical features

enclosure	multiplex birch plywood, reinforced with steel braces
connectors	1 × Neutrik NL4 Speakon and 4-pole connector inside
dimensions (w × h × d)	195 × 510 × 230 mm
weight	approx. 8.1 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	10 × M6 thread

## Optional features

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

## 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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