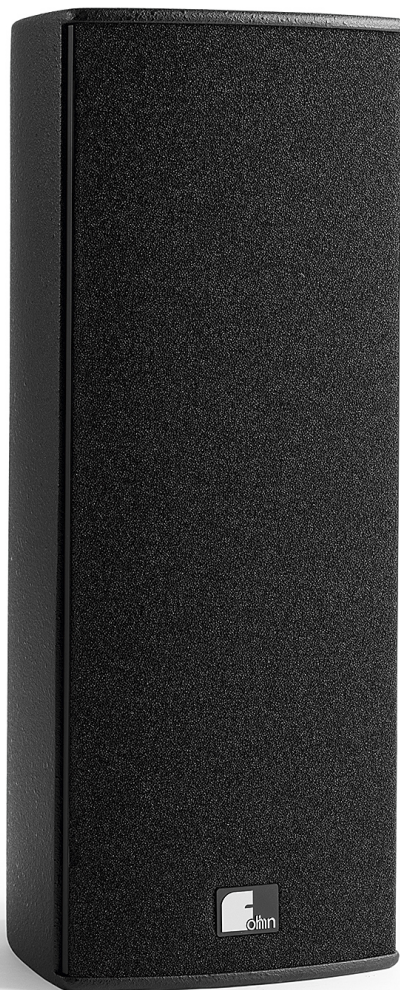


# Arc

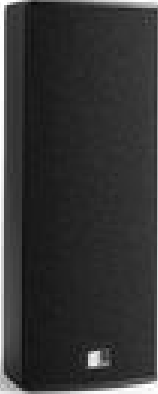
## AT-08

Passive fullrange speaker for fixed installations, 2 ×  
6" / 1", 150 W, 118 dB SPL max., approx. 195 × 510 ×  
230 mm



# Arc AT-08

The AT-08 is a compact, passive fullrange speaker for fixed installations. It impresses with its broadband reproduction. 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

- 2 x 6" / 1" dome tweeter with short horn and electronic high frequency protection
- Nominal power rating: 150 watts at 8 ohms
- Dispersion: 90 ° x 40 ° (H x V)
- SPL max.: 118 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



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
power rating (nominal)	150 watts
power rating (program)	300 watts
power rating (peak)	600 watts
components	2 × 6" / 1" calotte horn, with self-resetting Polyswitch-HF protection
sensitivity	91 dB
maximum SPL	118 dB
frequency range	50 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. 7 kg
standard colours	textured paint, black or white
mounting points	10 × M6 thread
connectors	1 x Neutrik NL4 Speakon and 4-pole connector inside
dimensions (W × H × D)	approx. 195 × 510 × 230 mm

## Optional features

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