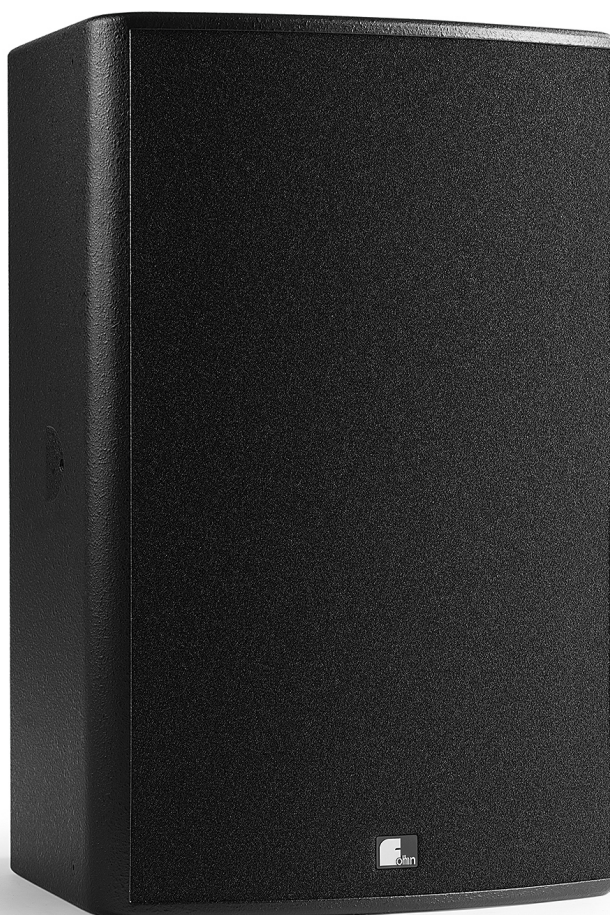


Arc

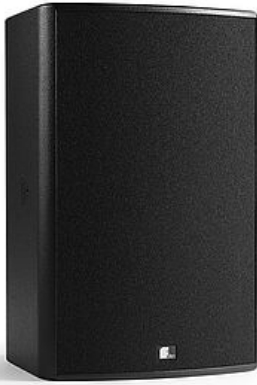
AT-50

Passive fullrange speaker for fixed installations, 15" / 1.4", 600 W, 132 dB SPL max., approx. 460 × 700 × 480 mm



Arc AT-50

The AT-50 is a passive fullrange speaker for fixed installations. It impresses with its high power rating, performance capacity and broadband low-frequency reproduction. In addition to outstanding technical features, the models of the Arc series are generally characterized by their attractive design.



Main features

- 15" / 1.4" compression driver (3.5" diaphragm), rotatable CD horn
- Electronic high frequency protection
- Nominal power rating: 600 watts at 8 ohms
- Dispersion: 80° × 50° or 60° × 50° (H × V)
- SPL max.: 132 dB
- Connections: 2 × Speakon and 8-pole Phoenix connector
- 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

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, bass reflex
power rating (nominal)	600 watts
power rating (program)	1200 watts
power rating (peak)	2400 watts
components	15" / 1.4" on rotatable CD-horn, with self-resetting IPC[*]-HF protection, fully neodym
sensitivity	100 dB
maximum SPL	132 dB
frequency range	40 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	80° × 50° or 60° × 50°

Physical features	
enclosure	multiplex birch plywood, reinforced with steel braces
connectors	2 × Neutrik NL4 Speakon and 8-pole Phoenix connector
dimensions (w × h × d)	approx. 460 × 700 × 480 mm
weight	approx. 27 kg
standard colours	textured paint, black or white
front design	acoustic foam, same colour as enclosure
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	9 × M8 and 3 × M6 thread

Optional features	
optional colours	RAL Classic / NCS / Pantone on request
integrated 100 V transformer	240 W / 120 W / 60 W or 360 W / 180 W / 90 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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