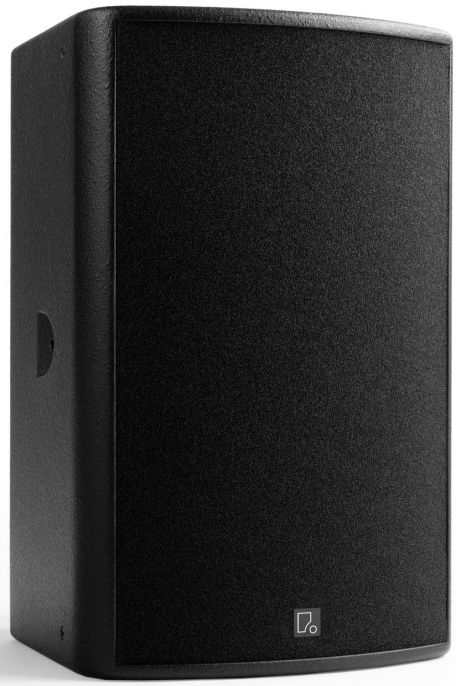
Fohhn
colors of sound

Datasheet

Arc
AT-35



100 V

Arc AT-35

The AT-35 is a passive fullrange speaker for fixed installations. It impresses with its high performance, power rating and versatile applications.
In addition to outstanding technical features, the models of the Arc series are generally characterized by their attractive design.

- 12" / 1" compression driver (1.75" diaphragm), rotatable CD horn, electronic high frequency protection
- Nominal power rating: 500 watts at 8 ohms
- Dispersion: 90° × 60° or 60° × 40° (H × V)
- SPL max.: 130 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
- Various mounting options
- Optionally available with weatherproof PU coating
- 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

For detailed information about all Fohhn technologies, color options and connections, please visit
www.fohhn.com/en/technologies

Technical data

Electroacoustic features	
acoustic design	passive loudspeaker, 2-way, vented design
power rating (nominal)	500 watts
power rating (program)	1000 watts
power rating (peak)	2000 watts
components	12" / 1" on rotatable CD-horn, with self-resetting IPC[*]-HF protection, fully neodym
sensitivity	99 dB
maximum SPL	130 dB
frequency range	45 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	90° × 60° or 60° × 40°

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. 380 × 585 × 410 mm
weight	approx. 20 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	9 × M8 and 3 × M6 thread

Optional features	
special colors	RAL Classic / NCS / Pantone on request
integrated 100 V transformer	120 W / 60 W / 30 W or 240 W / 120 W / 60 W
optional weather protection	polyurethane coating, water-repellent speaker cone impregnation

CAAD simulation data	
simulation data	EASE, CLF, 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

Fohhn Audio AG
Großer Forst 15
72622 Nürtingen
Germany

Phone +49 7022 93323-0
Fax +49 7022 93324-0
www.fohhn.com
contact@fohhn.audio

Engineered and made in Germany

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