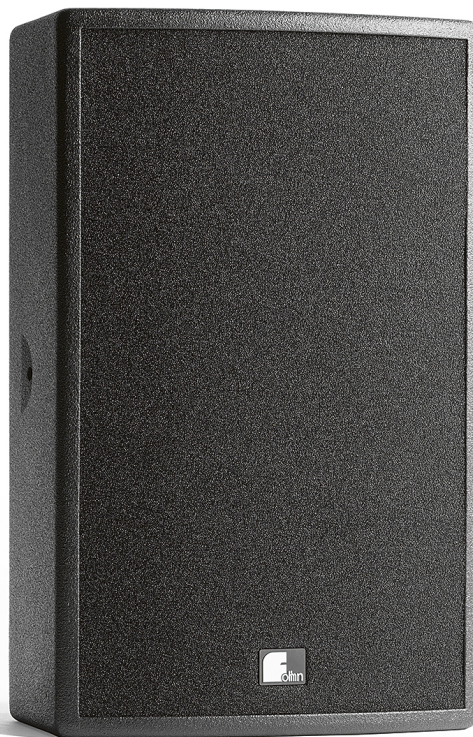


# Arc

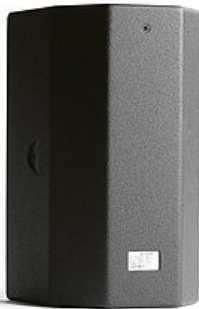
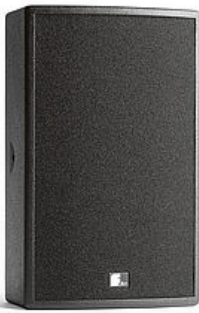
## AT-221w

Weatherproof, passive fullrange speaker for fixed installations, 10" / 1", 300 W, 131 dB SPL max., 320 × 510 × 290 mm



# Arc AT-221w

The AT-221w is a passive fullrange speaker specially developed for fixed outdoor applications. It has a weather proof housing, waterproof connections and membrane impregnation.



## Main features

- 10" / 1" compression driver on rotatable CD horn, electronic High frequency protection
- Nominal power rating: 300 watts at 8 ohms
- Dispersion: 90° × 60° or 60° × 40° (H × V),
- SPL max.: 131 dB
- Connections: 2 x Speakon connectors in the bottom panel or watertight cable gland
- Weather proof VSM housing reinforced with steel braces
- Resistant PU coating comes as standard
- Available in RAL Classic, NCS or Pantone colors on request
- Weatherproof mounting options (from stainless steel) are available on request
- 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

100 V optional



Special colors optional



Ball impact resistant



Weather-resistance possible

# Technical data

## Electroacoustic features

acoustic design	passive loudspeaker, 2-way, vented design, weather resistant
power rating (nominal)	300 watts
power rating (program)	600 watts
power rating (peak)	1200 watts
components	10" / 1" on rotatable CD-horn, with self-resetting IPC[*]-HF protection
sensitivity	101 dB
maximum SPL	131 dB
frequency range	70 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	90° × 60° or 60° × 40°

## Physical features

enclosure	weatherproof VSM cabinet, reinforced with steel braces
connectors	2 × Neutrik NL4 Speakon connectors in the bottom panel, watertight cable gland with 3 m of wire
dimensions (w × h × d)	320 × 510 × 290 mm
weight	approx. 14.5 kg
standard colours	polyurethane coating, black
weather protection	polyurethane coating and water-repellant speaker cone impregnation
front design	acoustic foam in enclosure colour
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	5 × M8 thread

## Optional features

optional colours	RAL Classic / NCS / Pantone on request
integrated 100 V transformer	60 / 30 / 15 W or 120 / 60 / 30 W or 240 / 120 / 60 W

## CAAD simulation data

simulation data	EASE, 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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