

# Integrato

## IG-100

Ceiling speaker, 2-way coaxial design, 4" / 0,75", 85 Hz – 20 kHz, dispersion: 100° conical, mounting depth: 99 mm



# Integrato IG-100



The IG-100 is a professional ceiling speaker with a 2-way coaxial design. Equipped with an integrated transformer and selector switch, the loudspeaker can be operated both with low-ohm control as well as in various 100-volt systems. With its flame-resistant metal housing and flat protection grille, it can be integrated seamlessly and inconspicuously.

## Main features

- 4" woofer with superimposed 0.75" tweeter
- Low installation depth of only 99 mm, ceiling cut-out 176 mm
- Frequency range: 85 Hz – 20 kHz
- Integrated crossover with high frequency protection
- Exceptionally even dispersion (100° conical)
- Integrated 100 V transformer with a 5-step switch (16 ohms; 100V (30 / 15 / 7.5 W); off)
- Three rotating mounting clamps plus safety latch on the enclosure side
- Magnetically attached protection grille, can be easily removed
- Enclosure color black, standard color for front grille and frame: white
- Alternatively available in various colors (RAL, Pantone, NCS) as well as easy to paint / laminate
- 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

For detailed information about all Fohhn technologies, color options and connections, please visit [www.fohhn.com/en/technologies](http://www.fohhn.com/en/technologies)

# Technical data

Electroacoustic features	
acoustic design	ceiling speaker, 2-way coaxial
power rating (16 ohms, nominal)	50 watts
power rating (16 ohms, program)	100 watts
power rating (16 ohms, peak)	200 watts
components	1 × 4" weather resistant cone / 0.75" tweeter, with self-resetting HF protection
sensitivity	86 dB
maximum SPL (16 ohm)	109 dB
frequency range	85 Hz – 20 kHz
nominal impedance	16 ohms, switchable to 100 V – 30/15/7.5 W
nominal dispersion	100° conical

Physical features	
enclosure	steel fire dome, powder coated
dimension of baffle (Ø)	202 mm
connectors	tool-free quick connectors with loop-through option
integrated 100 V transformer	switchable 30/15/7.5 W - OFF - 16 ohms
installation depth	99 mm
weight	1,8 kg
ceiling cut-out diameter (Ø)	176 mm
standard colours	white (RAL 9016)
protection grille	steel grille, powder-coated
mounting points	3 × rotating mounting clamp, 1 × steel safety latch

Optional features	
optional colours	RAL Classic / NCS / Pantone on request

CAAD simulation data	
simulation data	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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