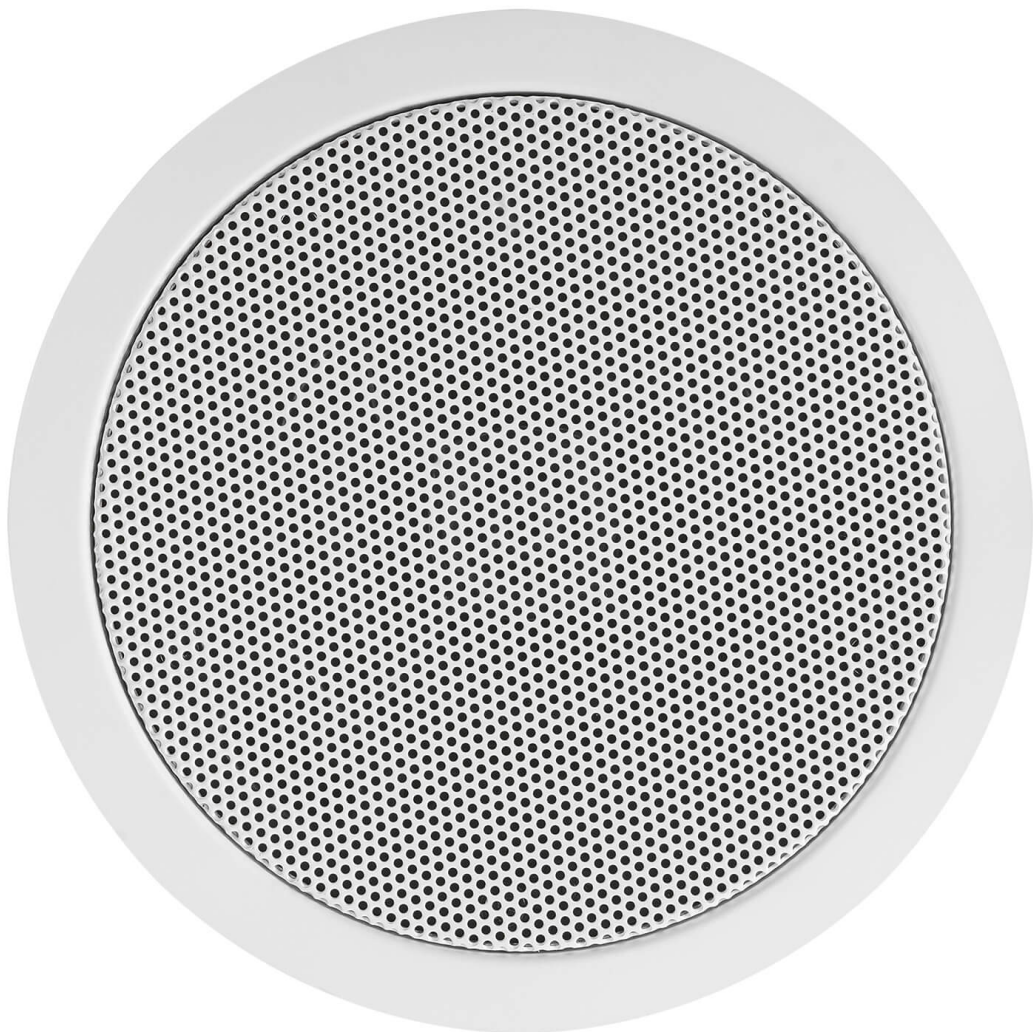


# Integrato

## IG-80

Ceiling speaker, broadband 4", 55 Hz - 20 kHz,  
dispersion: 100° conical, mounting depth 99 mm



# Integrato IG-80



The IG-80 ceiling speaker is a cost-effective installation solution with first-class Fohhn sound. With its flat front grille, it blends in seamlessly and allows a perfect visual integration. If necessary, it can simply be painted over or varnished. A coaxial diffraction waveguide is placed in front of the broadband speaker, which optimizes the sound dispersion.

## Main features

- 4 "broadband speaker with coaxial diffraction waveguide
- Frequency range: 55 Hz - 20 kHz
- Low installation depth of only 96 mm
- Three rotating mounting clamps
- Magnetically attached protection grille, can be easily removed
- Standard color for front grille and frame: white
- Alternatively available in various colors (RAL, Pantone, NCS)
- Attention: The loudspeaker can be operated with Fohhn system amplifiers and the correct speaker preset only.

## Available with the following color options



Black

## Equipped with the following Fohhn technologies



Special colors  
optional

# Technical data

## Electroacoustic features

acoustic design	ceiling loadspeaker, broadband, coaxial Diffraction-Waveguide
power rating (nominal)	50 watts
power rating (program)	100 watts
power rating (peak)	200 watts
components	1 × 4" weather resistant cone
max. SPL with speaker preset	109 dB
max. SPL with MA-4.100	100 dB
frequency range	55 Hz - 20 kHz
nominal impedance	16 ohms
nominal dispersion	100° conical

## Features

ceiling cut-out diameter (Ø)	176 mm
enclosure	steel / plastic, without back-can
installation depth	96 mm
dimension of baffle (Ø)	202 mm
front design	steel grille in enclosure colour
dimensions (D × H)	202 × 100 mm
protection grille	steel grille, powder-coated
weight	0.7 kg
standard colours	white (RAL 9016)
mounting points	3 × rotating mounting clamp
connectors	tool-free quick connectors with loop through option

## Optional features

optional colours	RAL Classic / NCS / Pantone on request
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## CAAD simulation data

simulation data	Fohn 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

frequency range: -10 dB under anechoic halfspace-conditions

weight: net weight without optional equipment

nominal dispersion, beam width: -6 dB compared to the main dispersion axis

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