NIC-8

LOUDSPEAKERS

In-ceiling / In-wall Loudspeaker

PRODUCT OVERVIEW

NIC-8 is a high-performance 2-way in-ceiling / in-wall loudspeaker designed for 70/100 V line and low-impedance installations, delivering 70 W RMS and featuring an 8” woofer + 1” steerable dome tweeter for powerful, controlled sound with excellent intelligibility.

As part of the NIC Series, NIC-8 integrates ART (Acoustic Resonator Technology), validated by laboratory measurements. ART significantly reduces low-frequency distortion and mechanical vibration, minimising energy transfer to ceiling structures and reducing resonance, coloration and unwanted low-frequency excitation in false ceilings.

Designed with system integrators in mind, NIC-8 features front-accessible Euroblock connections and power selection, allowing wiring and tapping adjustments even after installation. The loudspeaker is IP66 rated for reliable operation in demanding conditions and includes a magnetic frameless front grill with removable logo for a sleek, minimalist finish.

APPLICATIONS

- Retail
- Hospitality
- Education
- Corporate
- Leisure
- Sport & Wellness

ACCESSORIES & COMPATIBLE PRODUCTS

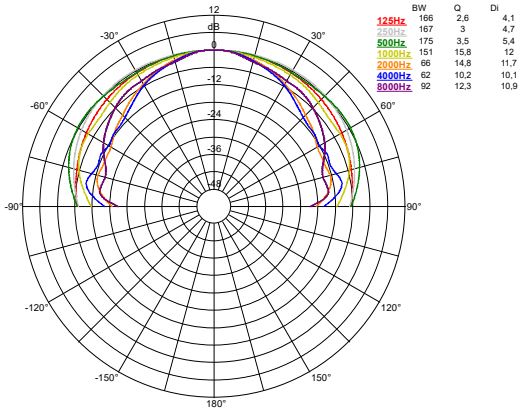
- NICRG8BK
- NIC-TB8

TECHNICAL SPECIFICATIONS

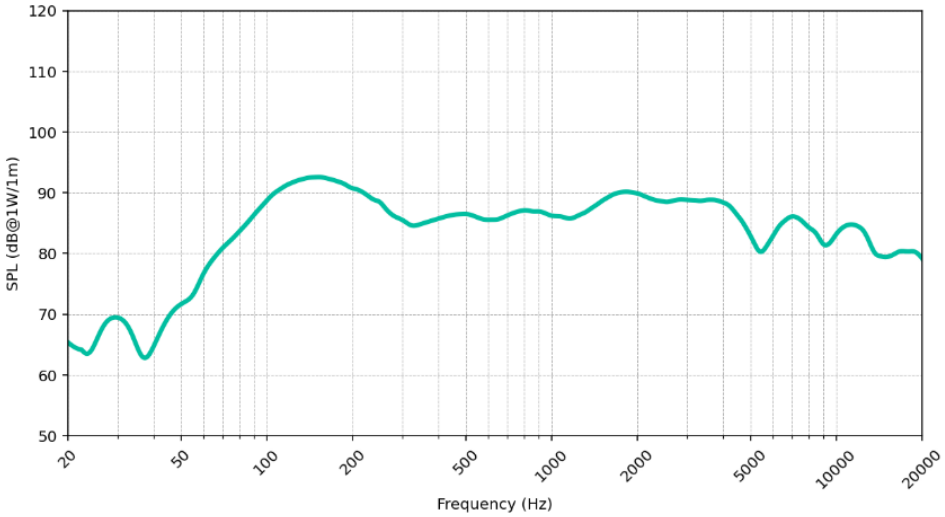
NIC-8	
System	
Effective frequency range[1]	59Hz-20kHz (-10dB)
Coverage angle[2]	151° conical
Continuous Power handling[3]	70W
Program Power Handling[4]	140W
Peak Power Handling[5]	280W
On-axis Sensitivity[6]	88dB
Maximum SPL[7]	106dB continuous / 112dB peak
Power options	100V: 8.75 /17.5 / 35 / 70W 70V: 4.37 / 8.75 /17.5 / 35W
Recommended amplifier power	140W RMS
Transducers	
Configuration	2-ways full range
Low frequency driver	8" Woofer
High frequency driver	1" Steerable Dome Tweeter
Nominal impedance	8Ω
Physical	
Connection type	Clip-Type input terminals
Installation options	In-ceiling / In-wall
Enclosure material	ABS plastic
Environmental	IP66
Grill material	Iron
Grill fixing system	Magnets
Mounting system	3 rotating tabs
Operating temperature	Min: -30°C ; -22°F Max: 65°C ; 149°F
Operating humidity	<85% HR
Storage temperature	Min: -30°C ; -22°F Max: 65°C ; 149°F
Storage humidity	<85% HR
External diameter	314 mm / 12.36 in.
Internal diameter	276 mm / 10.87 in.
Recommended cut out diameter	278 mm / 10.94 in
Required depth	>200 mm / >7.87 in.
Ceiling thickness	Min: 10 mm / 0.39 in. Max: 60 mm / 2.37 in.
Included accessories	4 pin connector
Optional accessories	• NICRG8BK (Grille Black accessory -RAL 9005). • NIC-TB8 (tile bridge)
Finished colour	White (RAL 9003)
Dimensions (WxHxD)	314 x 314 x 181 mm / 12.36 x 12.36 x 7.13 in.
Weight	4 Kg / 8.82 lb
Pieces per box	1
Shipping dimensions (WxHxD)	365 x 355 x 260 mm / 14.37 x 13.98 x 10.24 in.
Shipping weight	5.7 kg / 12.57 lb

(1) Measured frequency range within -10dB of the 1kHz octave band level, according to IEC 60268-5.
(2) Beamwidth defined at –6 dB relative to the on-axis sound pressure level, using the maximum value within the 1kHz to 4kHz range.
(3) RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.
(4) Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.
(5) Corresponds to the signal crests during for the test described in (3).
(6) Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.
(7) Calculated.

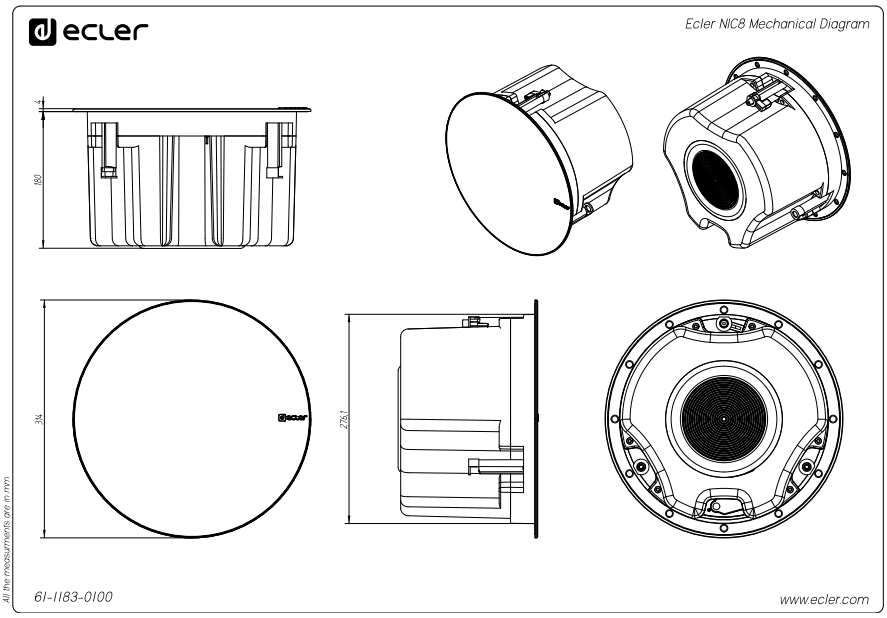
POLAR DIAGRAMS



FREQUENCY RESPONSE ON-AXIS



MECHANICAL DIAGRAM



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