

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	109° conical
Continuous Power handling ³	70W
Program Power Handling ⁴	140W
Peak Power Handling ⁵	280W
On-axis Sensitivity ⁶	86dB
Maximum SPL ⁷	104dB continuous / 110dB 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	4-pin Euroblock connector, mounted on the front of the baffle. Accepts cable sizes from 18 AWG (0.8 mm ²) to 14 AWG (2.5 mm ²)
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, 1 cutting template.
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, averaged within the 1kHz to 8kHz range.

⁽³⁾ RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.

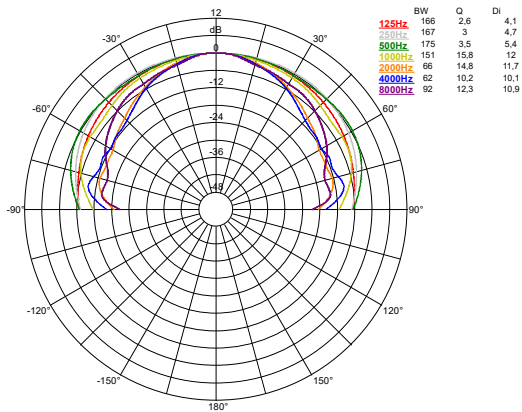
⁽⁴⁾ Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.

⁽⁵⁾ Corresponds to the signal crests for the test described in (3).

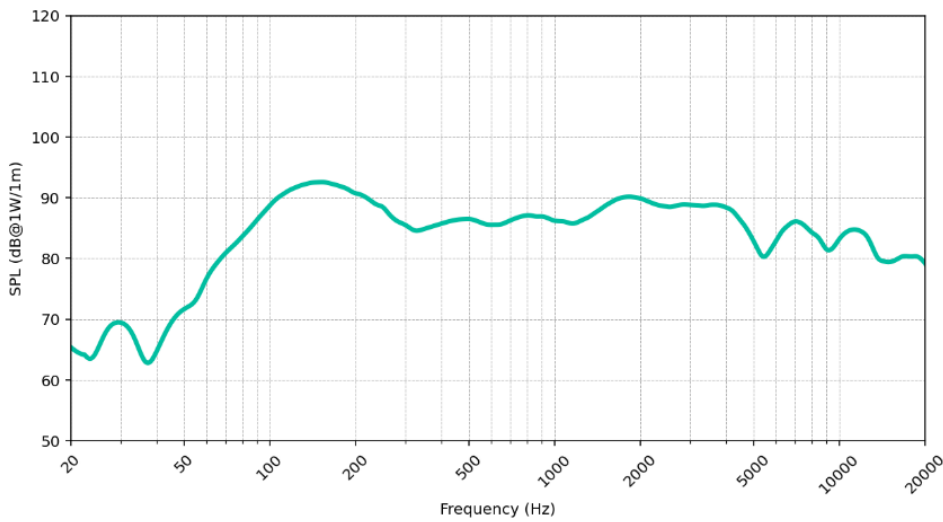
⁽⁶⁾ Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.

⁽⁷⁾ Calculated.

POLAR DIAGRAMS



FREQUENCY RESPONSE ON-AXIS



MECHANICAL DIAGRAM

