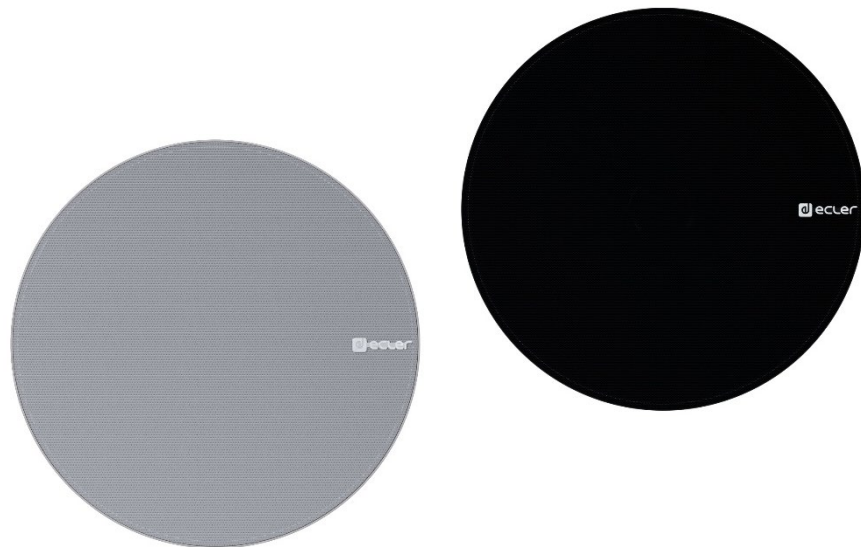


IC8i

CEILING LOUDSPEAKERS

In-ceiling / In-wall Loudspeaker



PRODUCT OVERVIEW

IC8i 2-way loudspeaker is the perfect option for 70/100 V and low impedance sound solutions. It mounts an 8" woofer and a 1" dome tweeter in a discreet design. IC series provide excellent sound quality thanks to their infinite baffle philosophy and a top-performance high frequency transducer.

KEY FEATURES

- Two-way ABS speaker, 60 WRMS.
- 8" woofer / 1" dome tweeter.
- Built-in audio transformer for 70/100 V use.
- Polypropylene woofer that resists heat and humidity.
- Frameless Magnetic grill.
- Front grill may be removed for painting.
- Clip-type input terminals and low impedance / high impedance power tap selector.
- Cutting and painting templates included.
- Support system with 3 rotating tabs.
- Available in black (RAL9005) or white (RAL9003) finish.
- [EASE files available](#).



APPLICATIONS

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

ACCESSORIES AND COMPATIBLE PRODUCTS

- [IC-TB8](#)



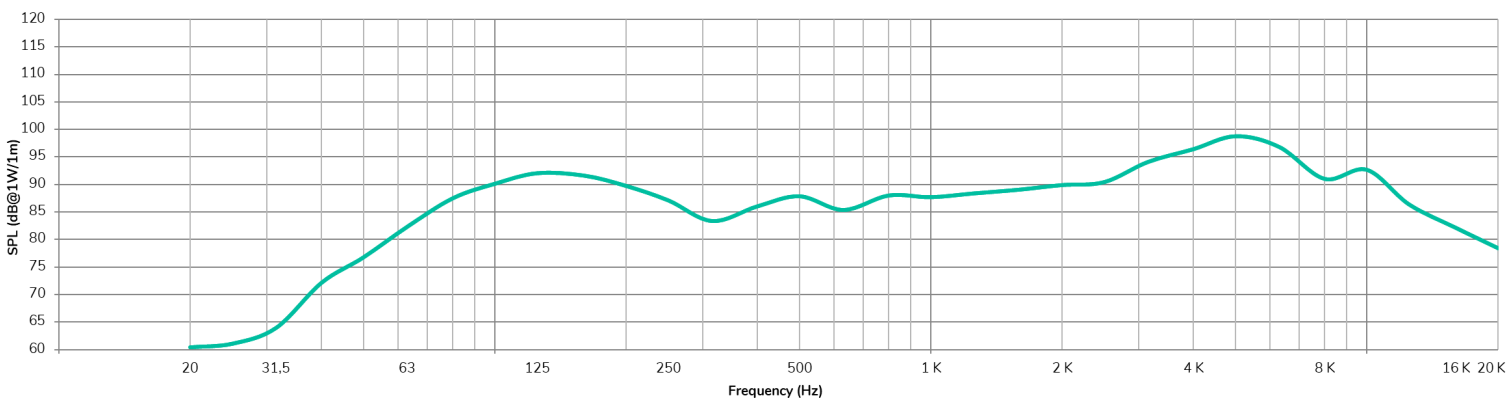
TECHNICAL SPECIFICATIONS

IC8i

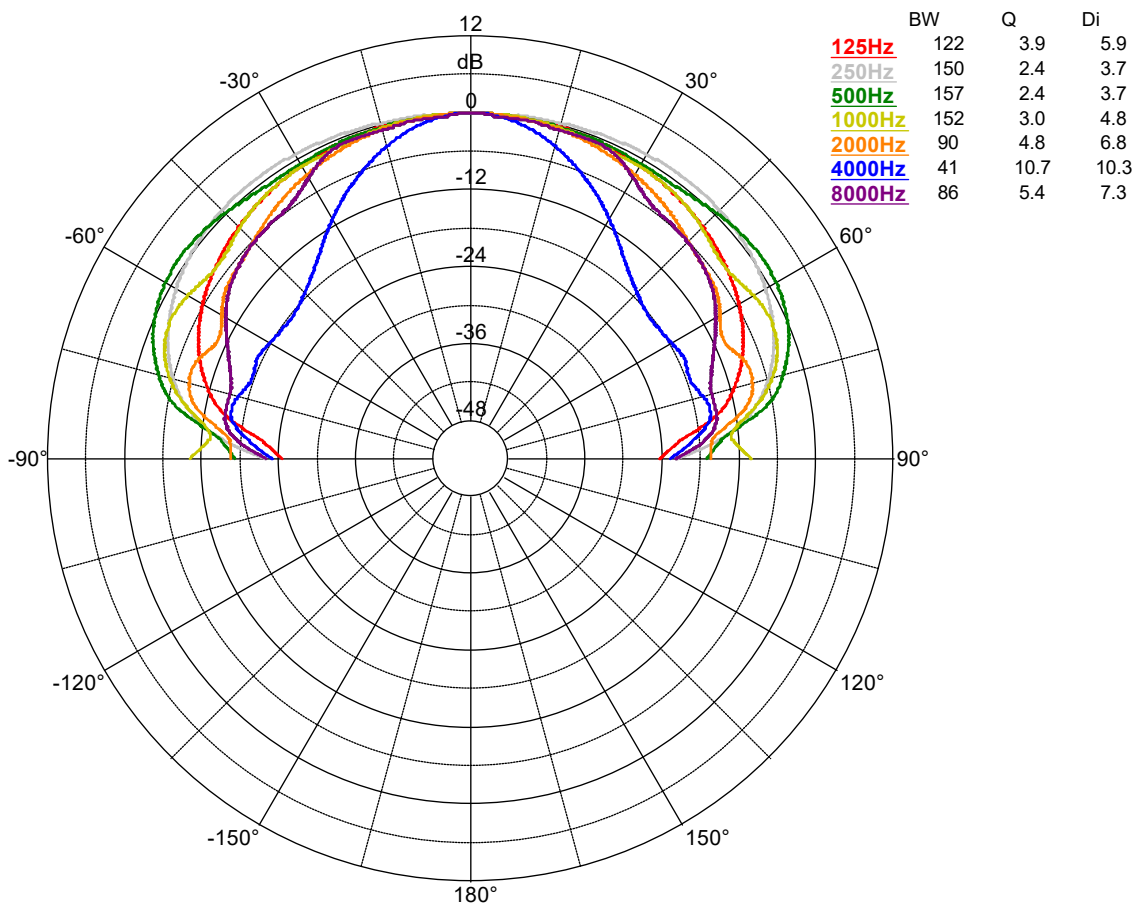
SYSTEM	
Effective Freq. Range ¹	65Hz-20kHz (-10dB)
Coverage angle ²	152° conical
Power handling	60W RMS / 240W Peak
Sensitivity ³	92dB (1W/1m)
Maximum SPL ⁴	110dB continuous / 116dB peak
Power options	100V: 5 / 7.5 / 15 / 30W 70V: 2.5 / 3.75 / 7.5 / 15W
Recommended amplifier power	120W RMS
TRANSDUCERS	
Ways	2-ways full range
Low frequency driver	8" Woofer
High frequency driver	1" Dome Tweeter
Nominal impedance	8Ω
PHYSICAL	
Connection type	Clip-Type input terminals
Installation options	In-ceiling / In-wall
Enclosure material	ABS plastic
Grille material	Iron
Grille fixing system	Magnets
Mounting system	3 rotating tabs
Operating temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
Operating humidity	<85% HR
Storage temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
Storage humidity	<90% HR
External diameter	254 mm / 10 in.
Internal diameter	246 mm / 9.69 in.
Recommended cut out diameter	222 mm / 8.74 in.
Required depth	>94 mm / >3.70 in.
Included accessories	Cutting and painting templates
Optional Accessories	Ecler IC-TB8
Finished colour	White (RAL 9003) / Black (RAL 9005)
Dimensions (WxHxD)	254 x 254 x 93 mm. / 10 x 10 x 3.66 in.
Weight	2.35 Kg / 5.18 lb
Pieces per box	2
Shipping dimensions (WxHxD)	305 x 300 x 295 mm. / 12.01 x 11.81 x 11.61 in.
Shipping weight	4.75 kg / 10.47 lb

¹ below the sound pressure level at specified sensitivity² 6dB below the sound pressure level than that at the direction of maximum level, Max. angle between 1 kHz and 4 kHz.³ Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.⁴ Calculated from sensitivity and power handling specifications, exclusive of power compression

FREQUENCY RESPONSE ON-AXIS



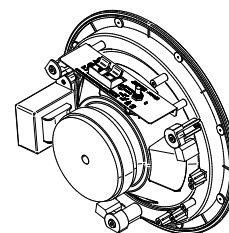
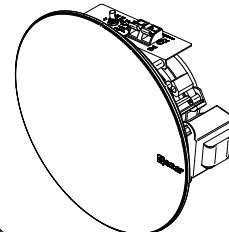
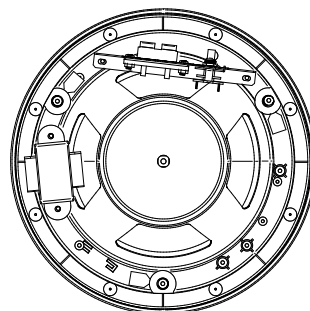
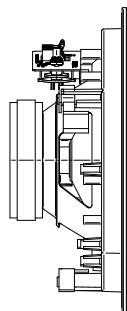
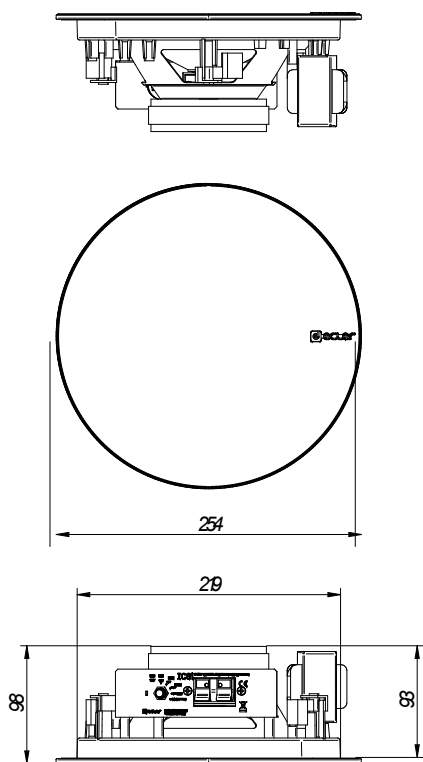
POLAR DIAGRAMS



MECHANICAL DIAGRAM



Ecler IC8i Mechanical Diagram



All the measurements are in mm

61-1176-0100

www.ecler.com

A&E SPECIFICATIONS

The loudspeaker shall be a two-way full-range in-ceiling/in-wall type, equipped with an 8" polypropylene woofer and a 1" dome tweeter. It shall feature a built-in audio transformer for 70/100 V line operation and support low impedance (8Ω) configurations. The enclosure shall be constructed from ABS plastic with a frameless iron grille fixed by magnets, suitable for painting.

The unit shall have a nominal power handling of 60 W RMS (240 W peak), a sensitivity of 92 dB (1W/1m), and a maximum SPL of 110 dB continuous / 116 dB peak. The effective frequency response shall range from 65 Hz to 20 kHz (-10 dB), with a conical coverage angle of 152°.

Connection shall be via clip-type input terminals, and installation shall be supported by a 3-tab rotating mounting system. It shall be available in white (RAL 9003) or black (RAL 9005) finishes.

The loudspeaker shall have an external diameter of 254 mm, a depth of 93mm and the weight shall not exceed 2.35 kg. The cut out diameter shall be 222 mm. It shall have data files available that can be used with EASE acoustic simulation software.

The loudspeaker shall be the ECLER IC8i.