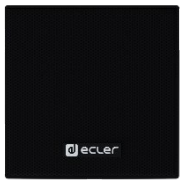
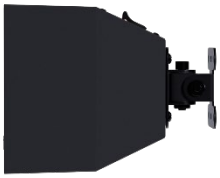
AMBIT-13

LOUDSPEAKERS

Commercial Loudspeakers





PRODUCT OVERVIEW

AMBIT-13 is an ultra- compact 2-way coaxial loudspeaker cabinet with neutral and discreet design. It features a 3.5" woofer and a 0.5" tweeter and it is suitable for low and high impedance lines. It is ready for indoor and outdoor applications, thanks to its aluminium grill and UV protection treatment (IP54-rated). Wall mount accessories and safety sling are included for an easy and secure installation. It is especially suitable for background music reinforcement in retail shops, restaurants, cafés, corporate premises and education rooms.

APPLICATIONS

- Retail
- Corporate
- Sport & Wellness
- Hospitality

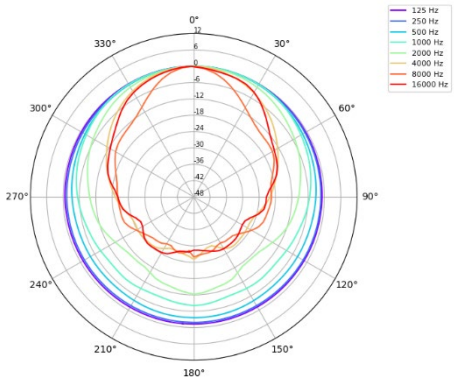
TECHNICAL SPECIFICATIONS

AMBIT-13

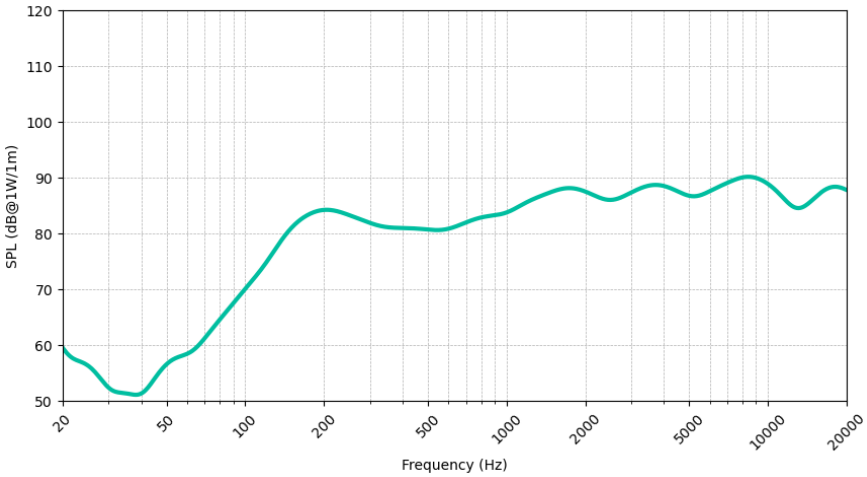
System	
Effective frequency range[1]	120 Hz-22 kHz
Coverage angle[2]	180° H x 180° V
Continuous Power handling[3]	25W
Program Power Handling[4]	50W
Peak Power Handling[5]	100W
On-axis Sensitivity [6]	87dB
Maximum SPL[7]	101dB continuous / 107dB peak
Power options	100V: 15W / 7,5W / 5W /2,5W / 8Ω
	70V: 7,5W / 5W /2,5W /1,25W / 8Ω
Recommended amplifier power	50W RMS
Transducers	
Ways	2-ways full range
Low frequency driver	3,5" Woofer
High frequency driver	0,5" Tweeter
Nominal impedance	8Ω
Physical	
Connection type	Spring loaded input terminals
Installation options	Surface, Ceiling, Corner (wall mount)
Enclosure material	ABS plastic
Environmental	IP54 rated
Grill material	Aluminium
Mounting system	Wall Bracket
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
Included accessories	Includes on-wall hardware, safety sling, screws and wrench for fast installation, and waterproof rubber cover for connectors
Finished colour	White (RAL 9016) or black (RAL 9005)
Dimensions (WxHxD)	120 x 120 x 117 mm / 4.72 x 4.72 x 4.61 in.
Weight	1.275 kg / 2.81 lb.
Pieces per box	2
Shipping dimensions (WxHxD)	300 x 170 x 210 mm / 11.81 x 6.69 x 8.27 in.
Shipping weight	1.45 kg / 3.2 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 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