

4435A Smart IP Active In-Ceiling Loudspeaker

Technical Specifications

The 4435A joins our Smart IP product line to provide an in-ceiling loudspeaker solution of the highest quality, with the added ease of installation, system scalability and simple operation of Smart IP's single-cable networked technology. Designed for discreet in-ceiling installation, the durable and functional 4435A provides exceptional long-term value for premium AV installations. The two-way 4435A is delivered with a choice of easy-fit round or square grilles in either a black or white finish.



System Specifications

Frequency Response

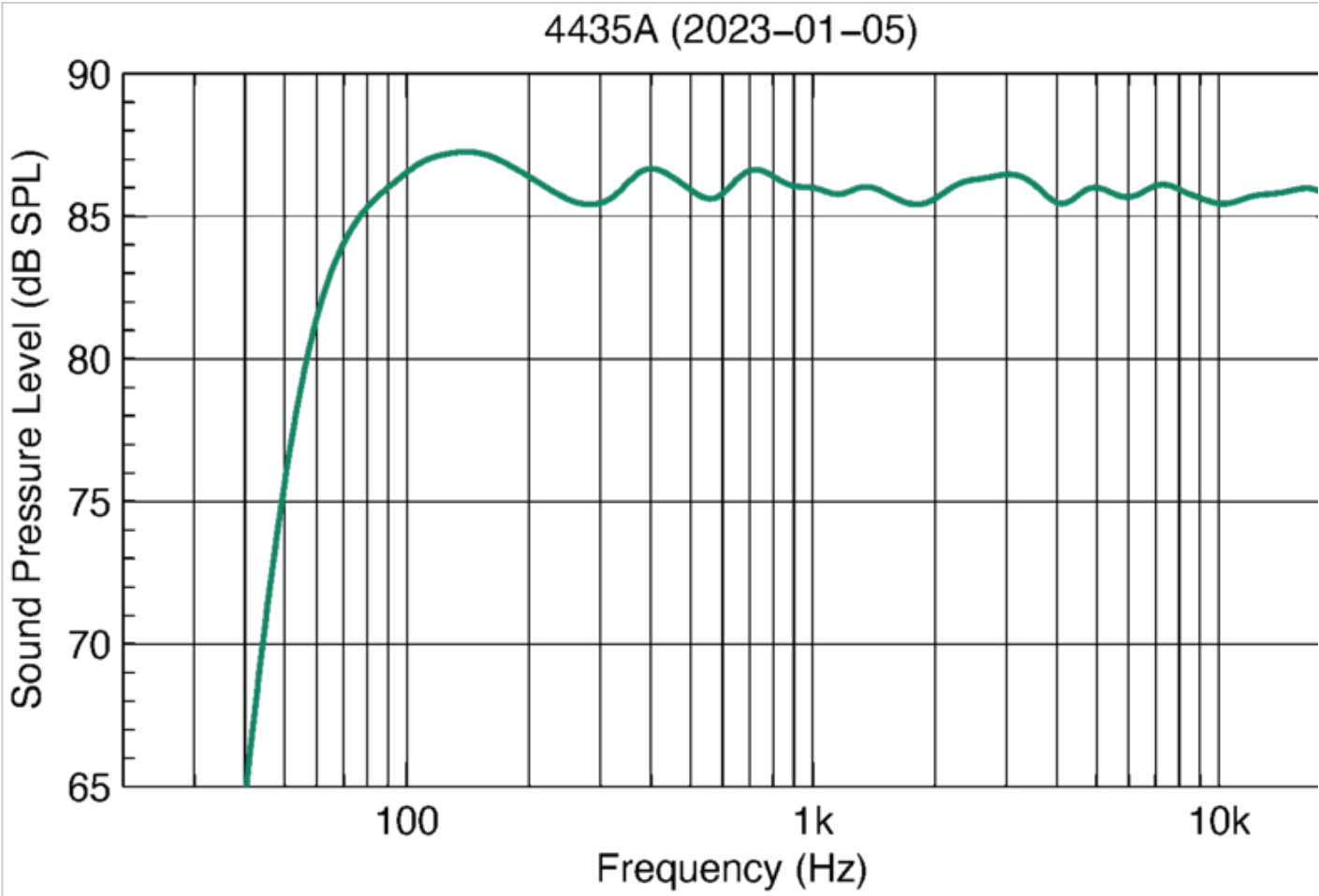
70 Hz - 20 kHz ($\pm$ 2.5 dB)

Low cutoff -6dB

58 Hz

High cutoff -6dB

39 kHz



SPL

Short term max SPL

≥104 dB

Maximum short term sine wave acoustic output on axis in half space, averaged from 100 Hz to 3 kHz at 1 m.

Self-generated noise

Weight

Weight

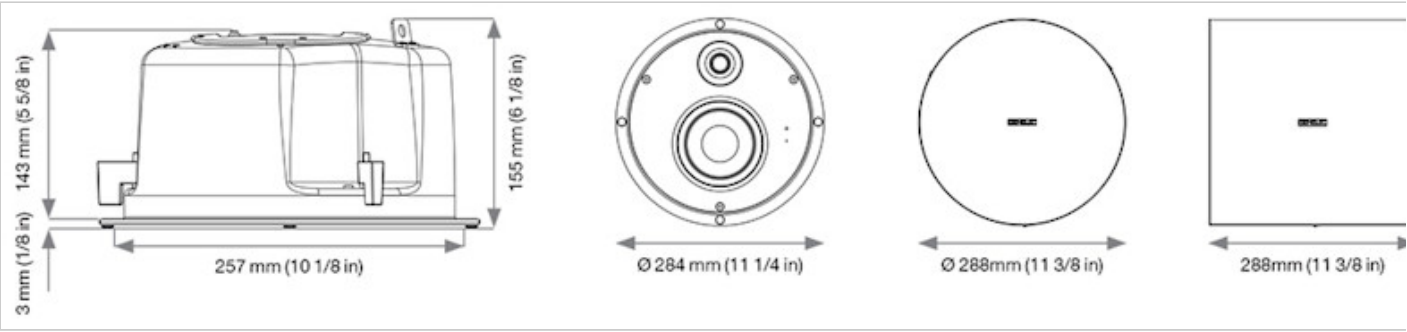
3.5 kg (7.7 lb)

Dimensions

Height
0 mm (in)

Width
288 mm (11 3/8 in)

Depth
165 mm (6 1/2 in)



- Dimensions with round grille: Ø 288 mm (11 3/8 in) x Depth 165 mm (6 1/2 in).
- Dimensions with square grille: Length 288 mm (11 3/8 in) x Width 288 mm (11 3/8 in) x Depth 159 mm (6 1/4 in).
- Protrusion of round grille with logo out of the ceiling surface: 13 mm (1/2 in) and square grille: 7 mm (1/4 in).
- Minimum installation depth: 162 mm (6 3/8 in). 10 mm clearance included.

Dispersion Angles (in degrees)

Horizontal 120°
Vertical 100°

Drivers

Woofer	Tweeter
Driver type Cone	Driver type Metal dome
Diameter 130 mm (5 1/8 in)	Diameter 19 mm (3/4 in)

Harmonic distortion

Amplifier Section

Amplifiers

4435A bass amplifier 50 W Class D	4435A tweeter amplifier 50 W Class D
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Mains voltage

PoE+/PoE

Power consumption

ISS Active ≤4 W	Idle ≤5 W
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Signal processing section

Connectors

Input	Input
1 x RJ45 IP network interface (Power over Ethernet and Audio over IP)	1 x Euroblock analog input. Audio input is via a 10 kOhm balanced connector.

Product Variants

Product codes

Code	Product information	EAN code	CN code
4435AWR	Speaker Smart IP 4435A with White Round Grille	6438128152587	85182200
4435AMR	Speaker Smart IP 4435A with Black Round Grille	6438128152594	85182200
4435AWS	Speaker Smart IP 4435A with White Square Grille	6438128152303	85182200
4435AMS	Speaker Smart IP 4435A with Black Square Grille	6438128152600	85182200

For even more technical details please see product operating manual.