



# FreeSpace FS4CE In-ceiling Loudspeaker

## EN 54-24 Certified Ratings

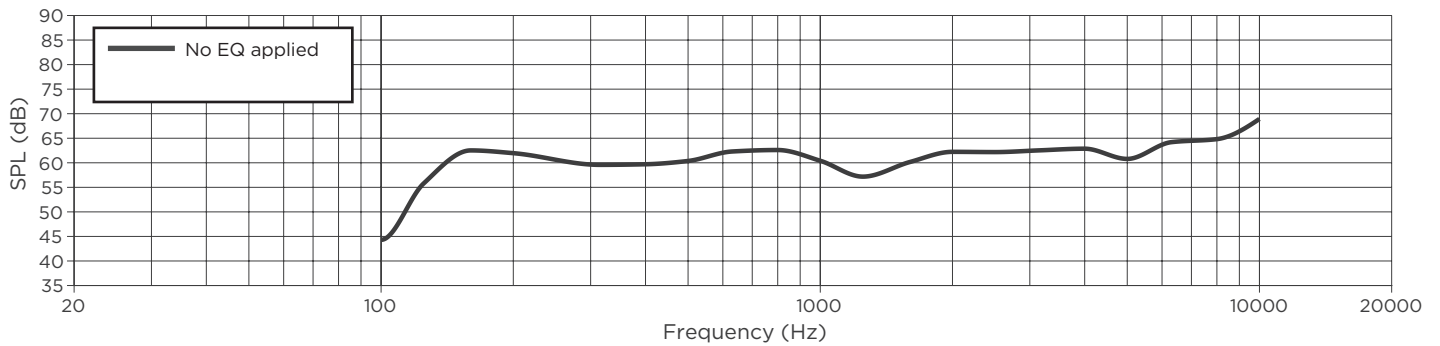
EN 54-24: 2008, Loudspeaker for Voice Alarm Systems for Fire Detection and Fire Alarm Systems for Buildings

EN 54-24 Certified Ratings <sup>1</sup>						
Frequency Range	100 Hz to 10 kHz					
Sensitivity (1 W @ 4 m)	74.6 dB					
Measured Max. SPL @ 4 m	87.6 dB					
Coverage Angle Octave Band	500 Hz	1000 Hz	2000 Hz	4000 Hz		
Horizontal Coverage	180°	175°	155°	75°		
Vertical Coverage	180°	175°	150°	90°		
Rated Impedance		2.5W	5W	10W	20W	40W
	70V	1960 Ω	980 Ω	490 Ω	245 Ω	123 Ω
	100V	—	2000 Ω	1000 Ω	500 Ω	250 Ω
Passive Nominal Impedance	8 Ω					
Rated Noise Power	40W					

### Footnotes

- The specifications data was measured mounted in a baffle in an anechoic chamber to EN 54-24 standards. Reference plane is on the grille surface and perpendicular to the reference axis. Reference axis is perpendicular to center of grille surface. Horizontal plane is containing the reference axis and perpendicular to the reference plane.

### On-axis Frequency Response



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