



FreeSpace FS4CE In-ceiling Loudspeaker

EN 54-24 Certified Ratings

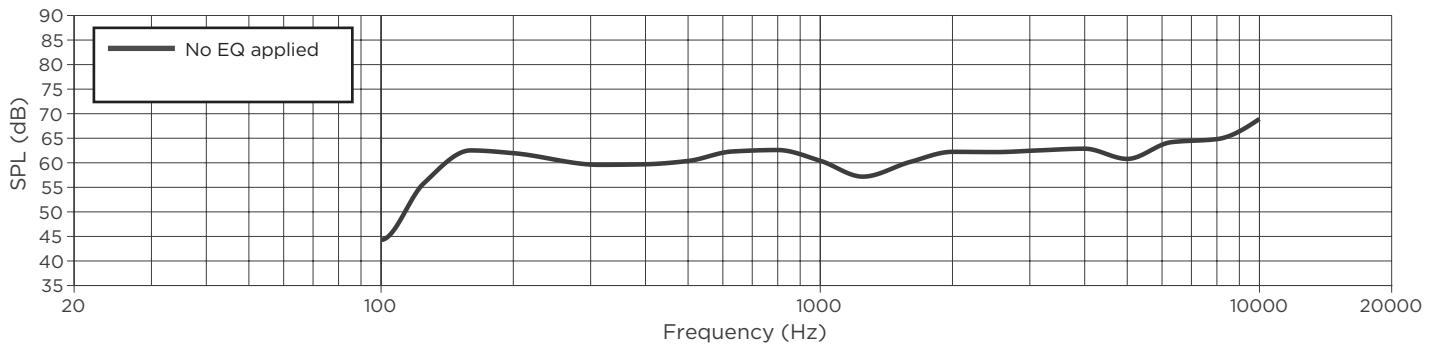
EN 54-24: 2008, Loudspeaker for Voice Alarm Systems for Fire Detection and Fire Alarm Systems for Buildings

| EN 54-24 Certified Ratings ¹ | | | | | | |
|---|------------------|---------|---------|---------|-------|-------|
| 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

1. 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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