

Section EN54 Voice Evacuation Systems

Category EN54-24 Loudspeakers

Code C531/10-EN



References

Safety: Compliant to EN 50200, EN 62368-1

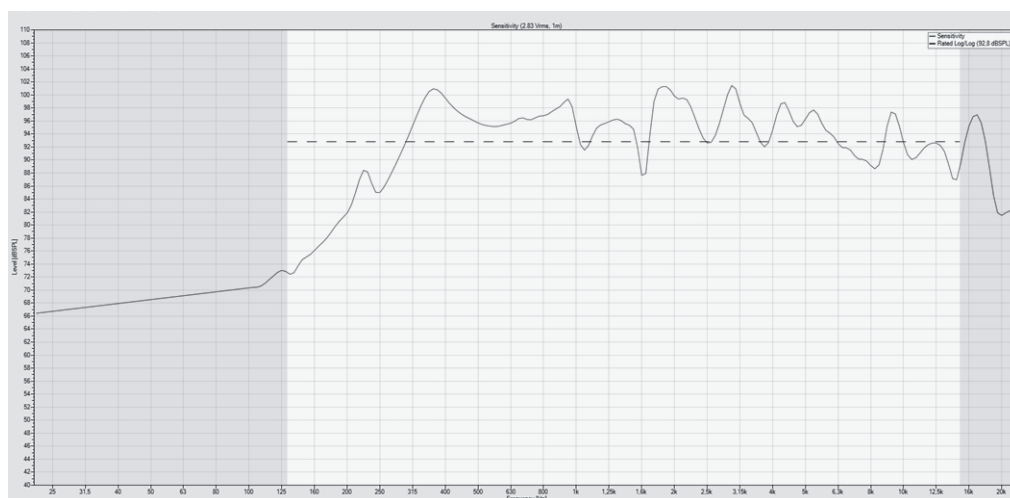
Emergency: EN54-24:2008 (cert. n° 0068/CPR/169-2022)
ISO 7240-19:2010 - CEN/TS 54-32:2015 - EN 50849

Application: Indoor environment (Type A)

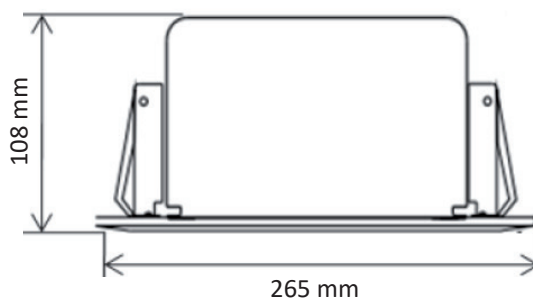
Description EN54-24 10 W Ceiling speaker units

The **C531/10-EN** ceiling speaker - featuring a broadband loudspeaker (8" cone) and a transformer for 100V constant voltage lines which allows power to be adjusted - provides a very good sound performance. Another peculiarity is the protective cap in light metal, which allows the weight of the speaker to be contained (less than 2 kg). It features a ceramic terminal and a protected integrated thermal fuse; the IP 21C degree of protection guarantees its resistance to the influence of atmospheric agents. The flat design and its reduced depth make it particularly suitable for recessed installation in false ceilings where the space available is minimal. Ideal for applications in schools, offices, hotels, hospitals and airports.

Technical data



Frequency response @ 1W/1m



Overall dimensions

Technical data

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EN 54-24

Loudspeaker for voice alarm systems
for fire detection and fire alarm systems for buildings

C531/10-EN

Type A

No. of loudspeakers	1, 8" cone
Rated output power	10 W
Adjustable power (100 V line)	10 W / 5 W / 2.5 W
Impedance (linea 100 V)	1000 Ω / 2000 Ω / 4000 Ω
Line transformer input	100 V
Frequency response @ -6dB	90 ÷ 18.000 Hz
Efficiency @ 1W/1m	92 dB
Maximum sound pressure SPL @ Pmax/1m	102 dB
Hor./Vert. dispersion angle @ -6dB	180° (500 Hz) 100° (1 kHz) 100° (2 kHz) 60° (4 kHz)
Protection degree	IP 21C
Material	Metallic structure and fire dome, metallic grille
Mounting	Two in-ceiling spring clips
Colour	White
Cutout size	∅ 230 mm
Dimensions	∅ 265 x 108 mm
Net weight	1.6 kg