

Section EN54 Voice Evacuation Systems

Category EN54-24 Loudspeakers

Code C590/30-EN, C590/30N-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

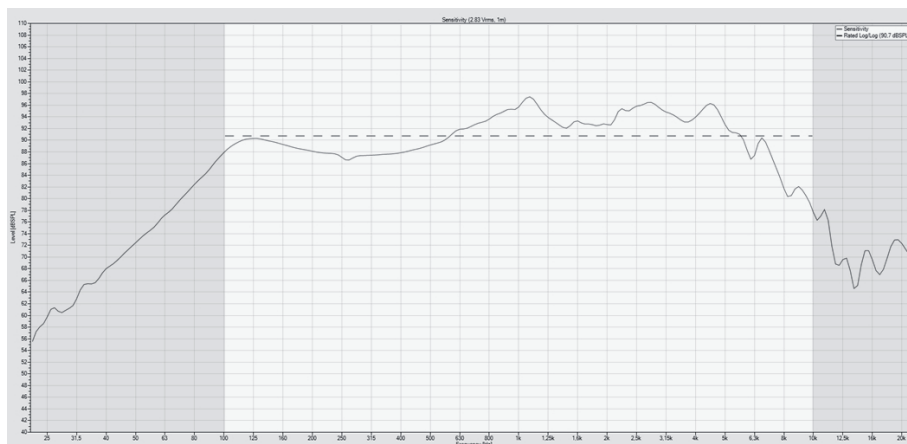
Application: Outdoor environment (Type B)



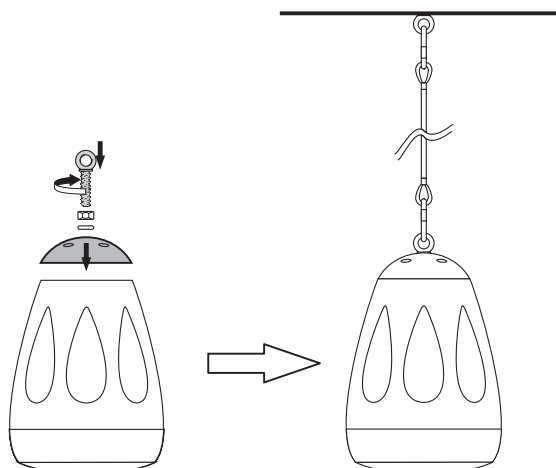
Description EN54 30 W 2-way pendant speaker units

The pendant **C590-EN** series - characterized by a speaker with a 5.25" cone and a 1" tweeter - are built in self-extinguishing 5VB ABS. Suitable for suspended installation, they are equipped with a protected integrated thermal fuse, a 100V transformer for connection via terminal to constant voltage lines and a rotary switch that allows an easily adjustment of the output power. Low impedance connection (8 Ω) is also available. These speakers provide excellent and high sound performance, ideal for application in large spaces with high ceilings such as supermarkets and retail outlets. The suspension eyebolt and a 100 cm metal cable with spring hooks are included. Available in white (**C590/30-EN**) and black (**C590/30N-EN**).

Technical data



Frequency response @ 1W/1m



Technical data

C590/30-EN, C590/30N-EN



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0068/CPR/169-2022

EN 54-24

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

C590/30-EN, C590/30N-EN

Type B

No. of loudspeakers	2, 5.25" woofer & 1" tweeter
Rated output power	30 W
Adjustable power	30 W / 15 W / 7,5 W / 3,8 W - 8 Ω
Impedance (100 V line)	333 Ω / 666 Ω / 1333 Ω / 2630 Ω
Line transformer inputs	100 V / 70 V
Rated impedance	8 Ω
Frequency response @ -6dB	80 ÷ 10.500 Hz
Efficiency @ 1W/1m	90 dB
Maximum sound pressure SPL @ Pmax/1m	105 dB
Hor./Vert. dispersion angle @ -6dB	360° (500 Hz) 130° (1 kHz) 100° (2 kHz) 80° (4 kHz)
Protection degree	IP 44
Material	Self-extinguishing ABS 5VB
Mounting	Ceiling-mounting, hanging cable included
Colour	White (C590/30-EN) Black (C590/30N-EN)
Dimensions	Ø 195 x 250 mm
Net weight	2,4 kg