

Sezione

Public Address

Categoria

EN 54-24 Loudspeakers

Codice

C44/12-EN

Riferimenti

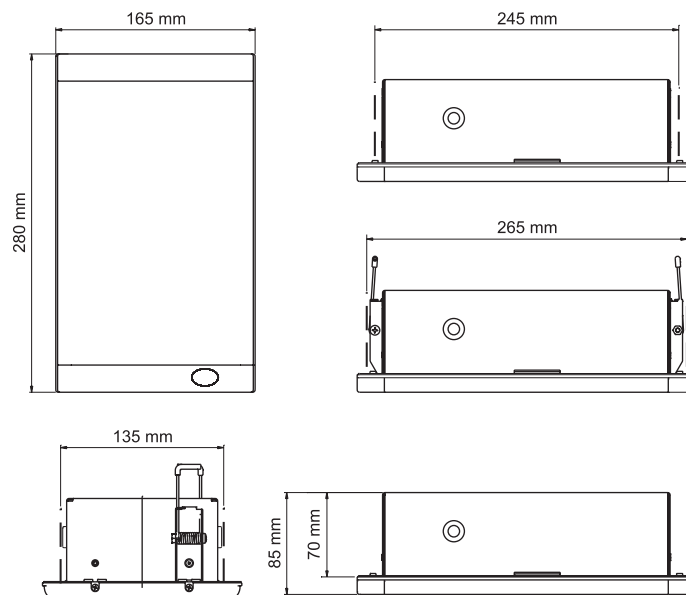
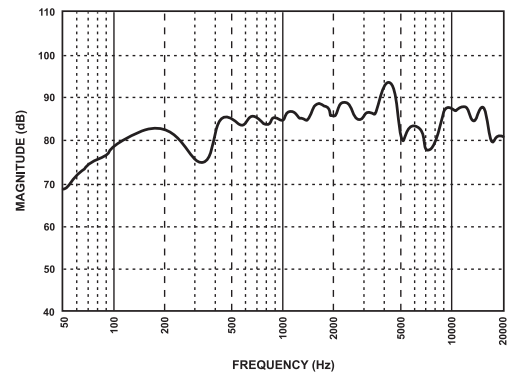
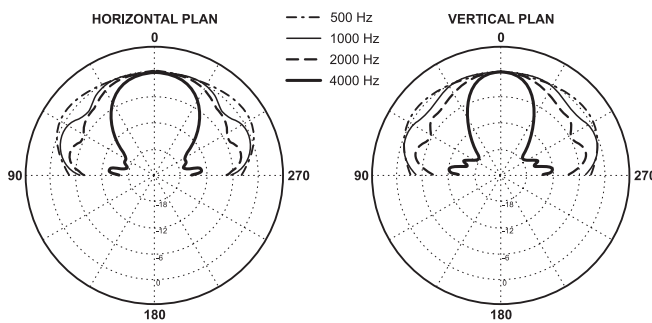
**Safety:** Compliant to EN 60065  
**Emergency:** EN 54-24, EN 60849  
**Application:** Indoor environments (Type A)  
**Protection Degree:** IP32



Descrizione

**Speaker units for flush-mounting for voice alarm systems**

The C44/12-EN speaker unit, featuring a self-extinguishing ABS UL94-V0 housing and a metal front grille, has a loudspeaker with a transformer for constant-voltage lines (50, 70 e 100V); the output power is adjustable (12, 6 or 3 W). The fixing system enables it to be flush-mounted on a wall or in a false ceiling. These speaker units have been developed specifically for use in emergency and evacuation systems (VES) and each has its own ceramic terminal strip and thermal fuse. These ensure the protection of the line connecting the loudspeakers if a fire puts one or more of the speaker units connected to it out of use.



Technical data

C44/12-EN



0068

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0068-CPR-033/2013 Rev. 1

EN 54-24

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

C44/12-EN

Type A

Rated output	12 W (100 V)
Nominal impedance (100 V line)	830 Ω (12W) 1670 Ω (6W) 3330 Ω (3W)
Nominal impedance (70 V line)	408 Ω (12W) 817 Ω (6W) 1633 Ω (3W)
Sensitivity	87 dB (1W/1m)
Max. sound pressure SPL	98 dB (12W/1m)
Frequency response	100 ÷ 20.000 Hz (peak -10 dB)
Horizontal angle of dispersion (-6 dB)	180° (500 Hz) 170° (1 kHz) 160° (2 kHz) 80° (4 kHz)
Vertical angle of dispersion (-6 dB)	180° (500 Hz) 180° (1 kHz) 170° (2 kHz) 50° (4 kHz)
Operating/storage temperature	-25°C ÷ +55°C / -40°C ÷ 70°C
Umidità relativa	< 95%
Dimensions	165 x 280 x 85 mm
Weight	2 kg