

Section Public Address

Category EN 54-24 Loudspeakers

Code C86/20-2EN

References
Safety: Compliant to EN 60065
Emergency: EN 54-24, EN 60849
Application: Outdoor environments (Type B)
Protection Degree: IP65



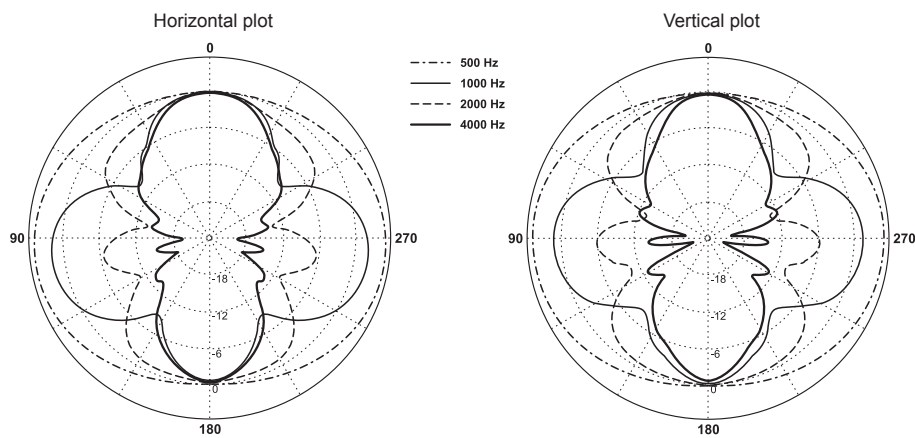
Certificato n°

0068-CPR-039/2016

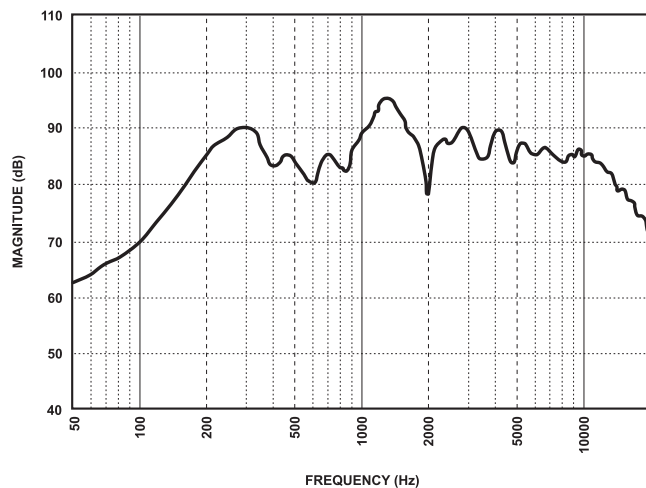
Description **Vandal-proof sound projectors for voice alarm systems, 20W (10+10W)**

The **C86/20-2EN** vandal-proof sound projectors, characterised by an aluminium alloy housing and steel front grille, are fitted with fireproof cable according to **UNI 9795 2010** (length 80 cm). These speaker units have been developed specifically for use in emergency and evacuation systems (VES). They are equipped with two loudspeakers and provided with a fixed bracket for wall-mounting. The power output is adjustable by means of a switch placed in the lower side of the speaker. The watertight construction and the materials adopted make them suitable to be used outdoor or in particularly damp places (swimming-pools, etc.).

Technical data



Simulated free-field measurements.



Technical data

C86/20-2EN



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EN 54-24

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

C86/20-2EN

Type B

No. of loudspeakers	2
Rated output	20 W (100 V)
Nominal impedance (100 V line)	500 Ω (20W) 1000 Ω (10W) 2000 Ω (5W)
Sensitivity	87 dB (1W/1m)
Max. sound pressure SPL*	100 dB (20W/1m)
Frequency response	150 ÷ 15.000 Hz
Horizontal angle of dispersion (-6 dB)	360° (500 Hz) 2 x 80° (1 kHz) 2 x 140° (2 kHz) 2 x 80° (4 kHz)
Vertical angle of dispersion (-6 dB)	360° (500 Hz) 2 x 80° (1 kHz) 2 x 130° (2 kHz) 2 x 60° (4 kHz)
Operating/storage temperature	-25°C ÷ +55°C / -40°C ÷ 70°C
Relative humidity	< 95%
Size	180 x 145 x 178 mm
Weight	2,90 kg

* Measurement made at the geometric center of the loudspeaker.