

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



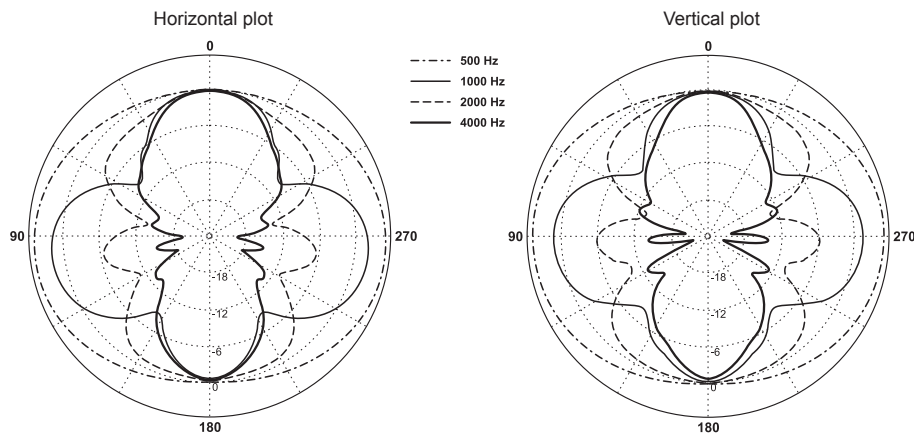
Certificato n°

0068-CPR-039/2016

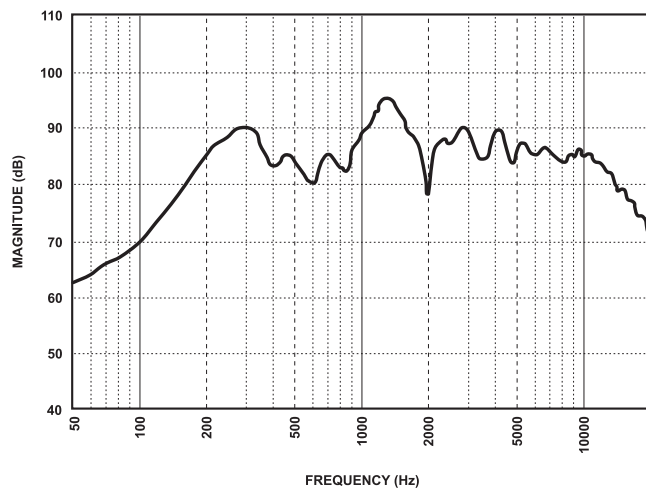
Description **Vandal-proof sound projectors for voice alarm systems, 20W (10+10W)**

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 the fireproof cable. 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.