

Section Public Address

Category EN 54-24 Loudspeakers

Range C86/20-EN

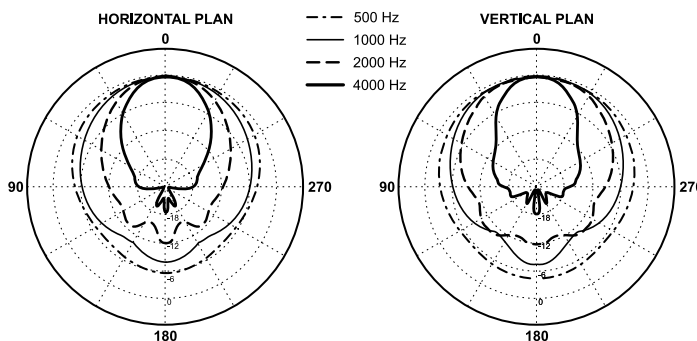
References
Safety: Compliant to EN 60065
Emergency: EN 54-24, EN 60849
Application: Outdoor environments (Type B)
Protection Degree: IP65



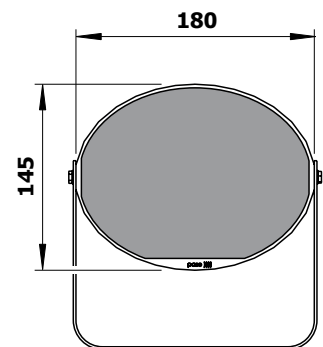
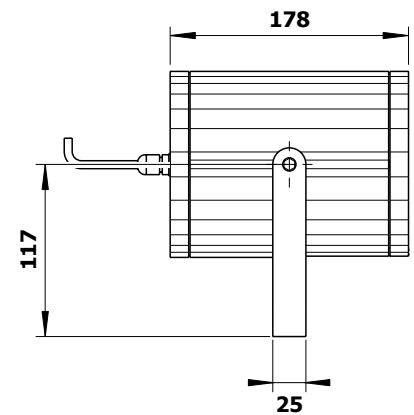
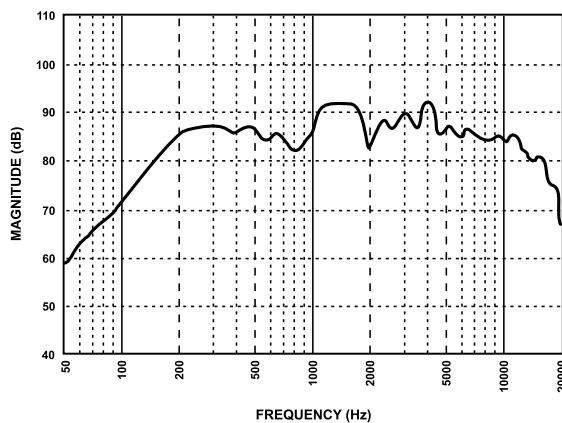
Description **Vandal-proof sound projectors for voice alarm systems**

C86/20-EN 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). The fixing system makes mounting easy and enables the speaker unit to be turned in the best direction. 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. The C86/20-EN sound projector has a loudspeaker with a constant-voltage transformer (50, 70, 100 V) and a swivelling bracket for wall-mounting it.


Technical data



Simulated free-field measurements.



Technical data

| C86/20-EN | |
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|  0068 PASO S.p.A Via Settembrini, 34 - 20020 Lainate (MI) 13 0068-CPD-033/2013 EN 54-24 Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings C86/20-EN Type B | |
| Rated output | 20 W (100 V) |
| Nominal impedance (100 V line) | 500 Ω (20W) 1000 Ω (10W) 2000 Ω (5W) |
| Sensitivity | 92 dB (1W/1m) |
| Max. sound pressure SPL* | 105 dB (20W/1m) |
| Frequency response | 150 ÷ 15.000 Hz (peak -10 dB) |
| Horizontal angle of dispersion (-6 dB) | 280° (500 Hz) 190° (1 kHz) 100° (2 kHz) 70° (4 kHz) |
| Vertical angle of dispersion (-6 dB) | 360° (500 Hz) 180° (1 kHz) 130° (2 kHz) 60° (4 kHz) |
| Operating/storage temperature | -25°C ÷ +55°C / -40°C ÷ 70°C |
| Relative humidity | < 95% |
| Dimensions | 180 x 145 x 178 mm |
| Weight | 2,4 kg |

* Measurement made at the geometric center of the loudspeaker.