Description

Two-way sound projectors for voice alarm systems

C48/6-2EN sound projector, featuring self-extinguishing ABS UL94-V0 housings, has fireproof cables according to UNI 9795 2010 (length: 80 cm); the fixing system makes mounting simple and enables the speaker unit to be turned easily in the best direction. This model is equipped with two loudspeakers pointing in opposite direction and is therefore particularly suitable for broadcasting sound in long and narrow areas such as corridors. 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

Simulated free-field measurements.
## C48/6-2EN

**Rated output** | 12 W (6 + 6W) @100 V
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**Number of loudspeakers** | 2
**Nominal impedance (100 V line)** | 830 Ω (12W)  
1670 Ω (6W)  
3330 Ω (3W)
**Sensitivity** | 88 dB (1W/1m)
**Max. sound pressure SPL** | 99 dB (12W/1m)
**Frequency response** | 170 ÷ 14,000 Hz (peak -10 dB)
**Horizontal angle of dispersion (-6 dB)** | 180° (500 Hz)**  
80° (1 kHz)**  
120° (2 kHz)**  
60° (4 kHz)**
**Vertical angle of dispersion (-6 dB)** | 180° (500 Hz)**  
80° (1 kHz)**  
120° (2 kHz)**  
60° (4 kHz)**
**Operating/storage temperature** | -25°C ÷ +55°C / -40°C ÷ 70°C
**Relative humidity** | < 95%
**Dimensions** | Ø 140 x 207 mm
**Weight** | 2 kg

*Measurement made at the geometric center of the loudspeaker.
**Measurement referred to a single emission front.