In-ceiling Speakers

DESCRIPTION

These speaker units have been developed specifically for use in emergency and evacuation systems; 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 spring-based fixing system and the bayonet coupling cut the installation time. This ceiling fixture has a steel flame-proof cap, in order to comply with fire-fighting safety standards.

EN 54-24:2008

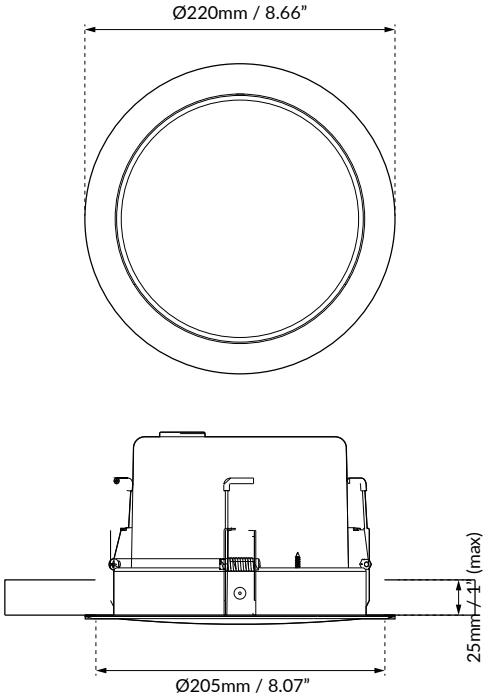
EN 54-24:2008, EN 60849
Safety: Compliant to EN 60065
TYPE A: Application outdoor enviroment
Protection degree: IP 32

Declaration of Performance (DoP) available on the website: ***www.fbt.it***

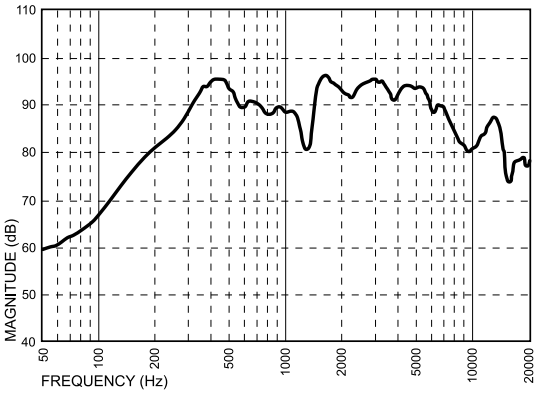
TECHNICAL SPECIFICATIONS

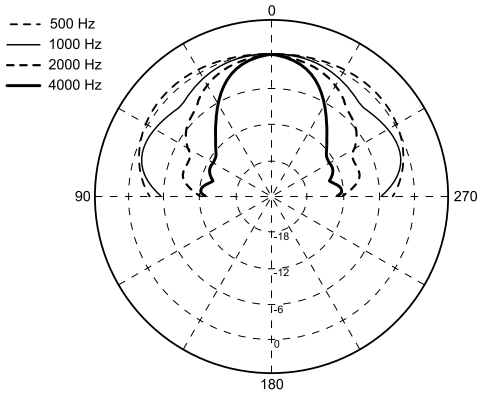
Code		37728
Fullrange driver		6
Rated power	W (V)	12 (100)
Nominal impedance LINE (100V)	Ohm (W)	833 (12)
		1667 (6)
		3333 (3)
Nominal impedance LINE (70V)	Ohm (W)	408 (12)
		817 (6)
		1633 (3)
Sensitivity (@1W/1m)	dB	94
MAX SPL (@12W/1m)	dB	105
Frequency response	Hz	250 - 15k
Horizontal / Vertical angle of dispersion (-6dB)	500Hz	180°
	1kHz	180°
	2kHz	110°
	4kHz	60°
Operating / Storage temperature	°C	-25 ÷ +55 / -40 ÷ +70
Relative humidity		<95%
Mounting hole	mm	ø205 ± 3
	inch	ø8.07 ± 0.12
Net dimensions (WxHxD)	mm	ø220
	inch	ø8.66
Net weight (incluse flame-proof cap)	kg	1.76
	lb	3.88

DIMENSIONAL DRAWING



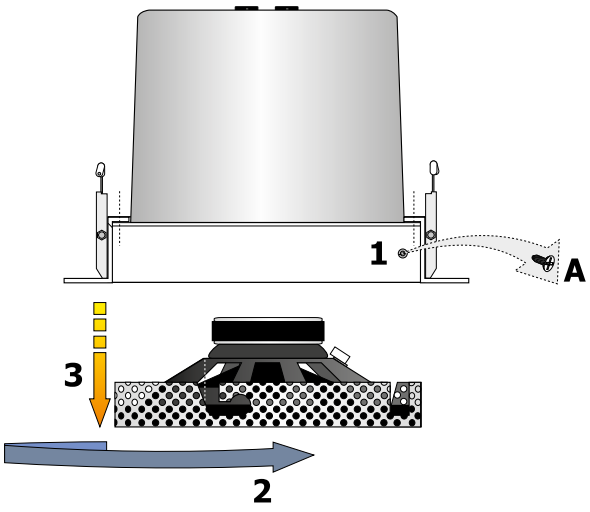
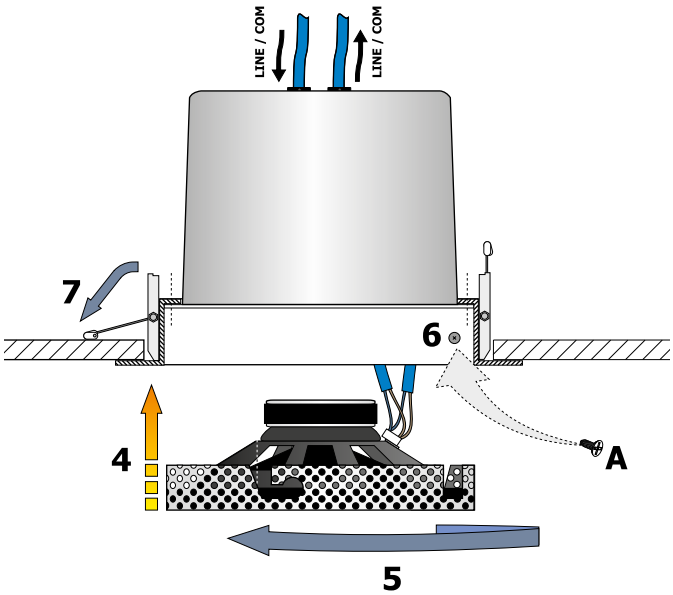
DIAGRAMS





MOUNTING INSTRUCTIONS

NOTE | ***It is advisable to carry out these operations with the panel of the false ceiling resting on a supporting surface.***

After making the hole in the false ceiling (see table with technical specifications), proceed as follows:

1. Remove the screw (A);
2. Unhook the perforated grille from the housing of the speaker unit by turning it in a CLOCKWISE direction.
3. Pass the cables for connection to the line through the holes provided for them in the flame-proof cap.
4. Connect the cable ends of the line to the terminal strip, based on the indications in Figures 2 and 3.
5. Fit the ceiling fixture into the supporting ring so that the slots in the perforated grille correspond to the internal protrusions on the ring and secure it in place by turning it in an ANTICLOCKWISE direction into it locks into place.
6. Tighten the screw (A);
7. Insert the housing of the speaker unit into the hole in the false ceiling, with the springs for hooking it in place pointing upwards. Release the springs from their locked position so that the ring remains hooked to the panel.