PL 82EN

TWO-WAY CEILING SPEAKER FIRE DOME



Description

PL 82EN is a two-way ceiling speaker featuring a flameproof steel back can, designed for recess installation into ceilings or panels. It is especially suitable for broadcasting alarm messages thanks to the highly intelligible sound reproduction and its resistance to high temperatures reached during fires. The terminal connection blocks, for input and output flameproof cables, are made of ceramic material. A thermal fuse protects the integrity of the line in case of heat affecting the speaker. Ground screw available (if needed). Cables inside speaker made using flameproof leads.

Features

- 8" coaxial woofer with 0.75" dome tweeter.
- Power selectable (100 V): 20 W – 10 W – 5 W.
- 94 dB sensitivity.
- Colour white RAL 9016.
- Steel frame, grille and back can.
- In/out ceramic terminal block.
- Thermal fuse protection.

Part Number

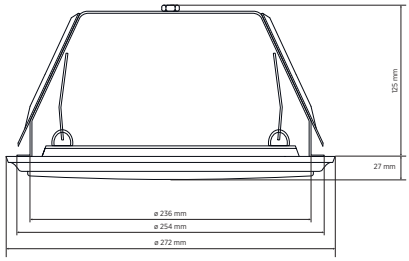
13100009 PL 82EN White - RAL 9016 EAN 8024530014407

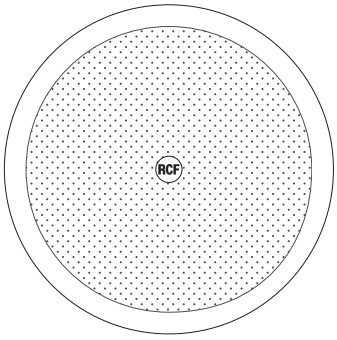
Products are continually improved. All specifications are therefore subject to change without notice.

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Line Art 2D





TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	130 Hz - 20000 Hz
	Max SPL @ 1m	106 dB
	Max SPL @ 4m	94 dB
	Coverage angle	160°
	System Sensitivity	94 dB
	System Sensitivity 1W @ 4m	82 dB
Power section	Amplification	Full Range
	Power Handling	20 W
	Peak Power Handling	80 W PEAK
	Protections	Thermal fuse
	Recommended Amplifiers	DXT 3000, DXT 4000, DXT 7000
Transducers	Dome Tweeter	1 x 0.75''
	Woofer	1 x Coaxial 8''
Input/Output section	Input connectors	Ceramic screw terminals
	Output connectors	Ceramic screw terminals
	Constant Voltage Transformer	100 V
	Power selection 1	20 W - 500 ohm
	Power selection 2	10 W - 1000 ohm
	Power selection 3	5 W - 2000 ohm
Standard compliance	Safety agency	CE compliant
	EN54-24 certified	Yes
	CPR number	0068-CPR-051/2017

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Physical specifications	Cabinet/Case Material	Metal
	Hardware	Steel back cover
	Grille	Steel
	Color	White - RAL 9016
Size / Weight	Depth	152 mm / 5.98 inches
	Recessed Depth	125 mm / 4.92 inches
	Diameter	272 mm / 10.71 inches
	Cut out diameter	240 mm / 9.45 inches
	Weight	3.42 kg / 7.54 lbs