



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

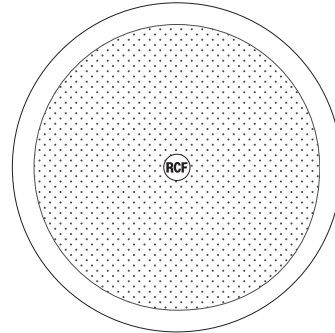
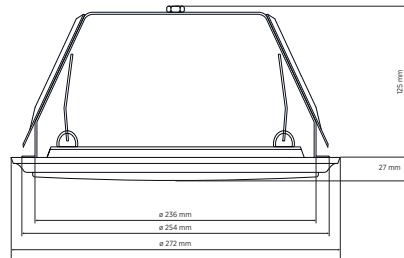
White - RAL 9016 EAN 8024530014407



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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"
Woofers	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

Physical specifications

Cabinet/Case Material	Metal
Hardware	Steel back cover
Grille	Steel
Color	White - RAL 9016



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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