



BD 42EN

BIDIRECTIONAL SOUND PROJECTOR



Description

BD 42EN is a bidirectional sound projector featuring an elegant aesthetic and easy orientation, suitable for the sonorization of commercial and industrial environments where a good sound quality and high intelligibility and efficiency are required. It features a cylindrical plastic body with aluminium grilles and U-bracket support. Thanks to its IP55 protection grade, it can be installed both indoor and outdoor.

Features

- › 2x5" fullrange transducers.
- › Power selectable (100 V): 12 W – 6 W – 3 W – 1,5 W.
- › 91 dB sensitivity.
- › Colour grey RAL 7035.
- › Flameproof ABS body, aluminium grilles and bracket.
- › In/out ceramic terminal block.
- › Thermal fuse protection.
- › Protection grade IP55.

Part Number

13100119 BD 42EN

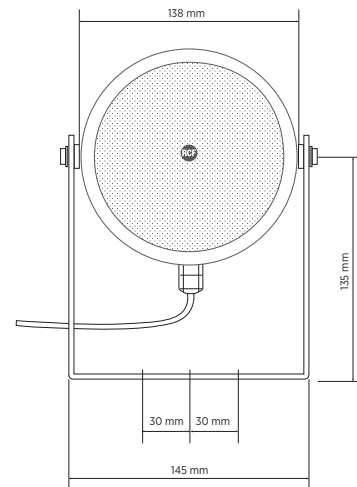
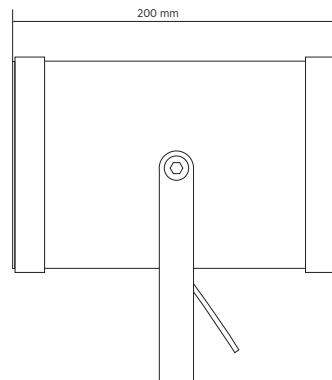
Grey - RAL 7035 EAN 8024530022471



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Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications

Frequency Response (-10dB)
Max SPL @ 1m
Max SPL @ 4m
System Sensitivity
System Sensitivity 1W @ 4m

130 Hz - 15000 Hz
102 dB
90 dB
90 dB
78 dB

Power section

Amplification
Power Handling
Peak Power Handling
Protections
Recommended Amplifiers

Full Range
12 W
48 W PEAK
Thermal fuse
DXT 3000, DXT 4000, DXT 7000

Transducers

Fullrange

2 x 5.0"

Input/Output section

Input connectors
Output connectors
Constant Voltage Transformer
Power selection 1
Power selection 2
Power selection 3
Power selection 4

Ceramic screw terminals
Ceramic screw terminals
100 V
12 W - 833 ohm
6 W - 1667 ohm
3 W - 3333 ohm
1.5 W - 6667 ohm

Standard compliance

IP protection grade
Safety agency
EN54-24 certified
CPR number

IP 55
CE compliant
Yes
0068-CPR-234/2025



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Physical specifications	Cabinet/Case Material	ABS
	Hardware	Aluminum U bracket
	Grille	Aluminium
	Color	Grey - RAL 7035
Size / Weight	Width	200 mm / 7.87 inches
	Diameter	138 mm / 5.43 inches
	Weight	1.66 kg / 3.66 lbs