

## DSP207EN

### 12W EN54 Fireproof Wall Mount Speaker



#### Description

On wall or shelf projector 100V speaker, 12W – 6W – 3W, power taps, EN54-24:2008 standard certified. Plastic body made in ABS V0 type, Protection grid in aluminium. Suitable for indoor installation, IP rate protection: IP54.

Wide band bi-cone 5" speaker, audio transformer for connection to 100V or 70V lines, thermal fuse for protection of the speaker line in case of overheating, dual IN-OUT ceramic connector.

Including aluminium fixing bracket, waterproof cover and IN-OUT cable glands for easy daisy-chain speakers' connection.

#### Features

- RMS Power:12W
- Material:Aluminium Mesh,ABS Dome
- IP rate protection: IP54.
- Suitable for indoor installation

#### Specifications

Standards	EN54-24 Loudspeaker for voice alarm system for fire detection and fire alarm system
Environmental Class EN54-24	Type A, indoor applications
IP rate protection (EN60529)	IP54
Way no./Speaker type	1 via bicono, fullrange Ø130mm
Transformer	100V (12W - 6W - 3W)
In-axis Freq. response	110 ÷ 18.000 Hz

(-10dB)	
Sensitivity (@1m, 1W)	86.3 dB SPL
SPL max (@1m, Pmax)	97.2 dB SPL
Coverage angle (-6dB)	360° (500 Hz), 253.5° (1 kHz), 125.5° (2 kHz), 86.8° (4 kHz), 59.4° (8 kHz)
Directivity Index DI (dB)	1.3 (500 Hz), 3.9 (1 kHz), 5.4 (2 kHz), 6.7 (4 kHz), 8.2 (8 kHz)
Directivity Factor Q	1.4 (500 Hz), 2.4 (1 kHz), 3.5 (2 kHz), 4.6(4 kHz), 6.6 (8 kHz)
Nominal/Music power	12W/24W
Nominal Impedance @ 1KHz	833.3Ω(12W), 1.66kΩ(6W), 3.33kΩ(3W)
Dimensions Ø - P	140mm - 240mm
Aluminium bracket	140mm - 152mm
Weight	1,2 Kg
Material	ABS V0 type – painted grid in aluminium
Colour	White

## Installation

The speaker can be installed on external masonry walls, columns, false ceilings and / or plasterboard walls, beams, wooden ceilings, etc. through the supplied bracket, equipped with three Ø 6mm holes for fixing with screws and plug. The bracket is fixed to the body of the loudspeaker with stainless steel bolts and rubber gasket (see photo).

The loudspeaker has a compartment that houses the double ceramic connectors with thermal protection circuit breaker. The compartment is closed with a waterproof lid.

