

## DSP5311EN

### Surface Mount Fireproof Ceiling Speaker



#### Description

This product is an EN54 certified surface mount ceiling speaker with a 100V transformer. The built-in 6.5" speaker driver is designed with a wide frequency range of 200-16,000Hz, and several terminals can be selected for different powers of 12W/6W/3W. Besides, it has ceramic connector and thermal fuse for overheat protection.

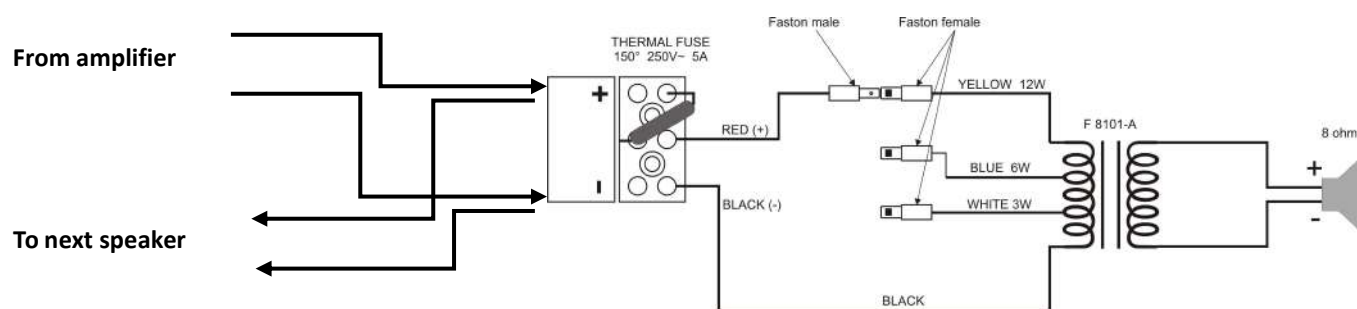
#### Features

- EN54 certified ceiling speaker.
- With a 6.5" unit driver and a 100V transformer.
- With several terminals for different powers of 12W/6W/3W.
- The mesh is made of aluminium mesh and the speaker dome is made of ABS material.
- With ceramic connector and thermal fuse for overheat protection.

# Specifications

Model	DSP5311EN
Standards	EN54-24:2008 Loudspeaker for voice alarm system for fire detection and fire alarm system
Environmental Class EN54-24	Type A, indoor applications
IP Rate Protection (EN60529)	IP32
Number of Ways/Speaker Type	1-way dual cone, full range Ø165mm
Transformer	100V (12W-6W-3W)
In-axis Freq. Response (-10dB)	200-16000 Hz
Sensitivity (@1m, 1W)	91.2 dB SPL
SPL Max. (@1m, Pmax)	102dB
Coverage Angle (-6dB)	180° (500 Hz), 95.6° (1 kHz), 116° (2 kHz), 48° (4 kHz) 35° (8 kHz)
Directivity Index DI (dB)	-3.8 (500 Hz), 3.4 (1 kHz), 5.1 (2 kHz), 9.1 (4 kHz) 10.8 (8 kHz)
Directivity Factor Q	0.4 (500 Hz), 2.2 (1 kHz), 3.2 (2 kHz), 8.2 (4 kHz) 12 (8 kHz)
Nominal Power	12W
Nominal Impedance @ 1KHz	833Ω(12W)-1.66kΩ(6W)-3.33kΩ(6W)
Dimensions Ø - P	203 mm-95 mm
Weight	1.02kg
Material	ABS V0 type
Colour	White
Connections	Ceramic connectors and thermal fuse

## Connection Diagram



### Cable connection legend

- + = 100V
- = 0V, COM