

DSP5311 Surface Mount Ceiling Speaker



Features

- 6.5 inch driver unit, large and special magnetic circuit ensures strong power.
- Full range driver unit design, perfectly realize the reproduction of voice and music.
- The appearance is designed in a circular shape, showing the conciseness and elegance and leading the fashion trend. Carbon alloy aluminum grille, with RAL white layer, can perfectly comply with any indoor venue.
- Comply with IEC 268-5 (PHC) standards, can work with RMS power for 100 hours continuously, can support instant output of twice RMS power.
- The ceiling is designed on an open-installation basis, so as to relieve the procedure for cutting the hole.

Description

The DSP5311 is a surface mount ceiling speaker with a 70v/100v transformer built in. The 70v/100v transmission is realized in a high-voltage, low-current mode, which makes longer distance transmission and parallel connection of multiple loudspeakers possible.

The built-in 6.5" speaker driver is designed of wide frequency response 110-18,000Hz, the multiple terminals 3W, 6W & 10W can be applied to different occasions vary in area sizes and background noises; It is made of high quality engineering plastic, long-term durability, never out of shape and fading; No roof cutout direct mounting on ceiling by 4 screws; Driver surround excellent damping, long life, with clear and sonorous sound.

It is an ideal choice for these places, such as schools, gymnasiums, square halls, parks, parking lots, railway stations, airports, villa communities and mall supermarkets, etc.

Specification

Model	DSP5311
Driver Unit	6.5"x1
Rated Power	6W
Line Voltage	70V/100V
Sensitivity (1m, 1W)	92dB±2dB
Max. SPL (1m)	100dB±2dB
Frequency Range (-10 dB)	140Hz~16kHz
Dimensions	203.5×203.5×94mm
Net Weight	1.0kg

Installation

1. Unscrew the cover of the loudspeaker in a counterclockwise direction (As show in figure 1), Connect the audio broadcasting cable, and select the proper terminal for connection according to the actual power needs (Please see the table below for details).

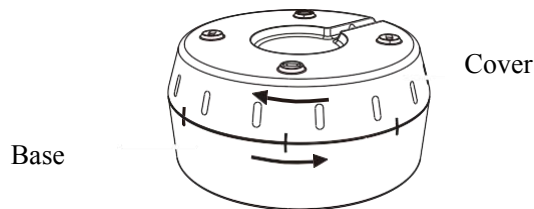


Figure 1

Power / Terminal \ Line voltage	70V	100V
Red --- Blue	3W	6W
Red --- White	6W	-

Note: Red indicates the public terminal, “-” indicates the use in case of far line and the large power consumption.

2. Select the appropriate position, and install the rear cover of the loudspeaker into the ceiling with 4 x M4 screws (As shown in the figure 2).

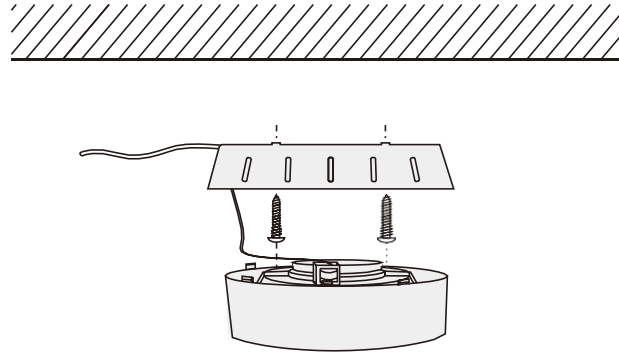


Figure 2

3.The safety rope ring is sheathed into fixed roof screw.one end of the safety rope with the hook is conneted with the speaker main body (As shown in the figure3).

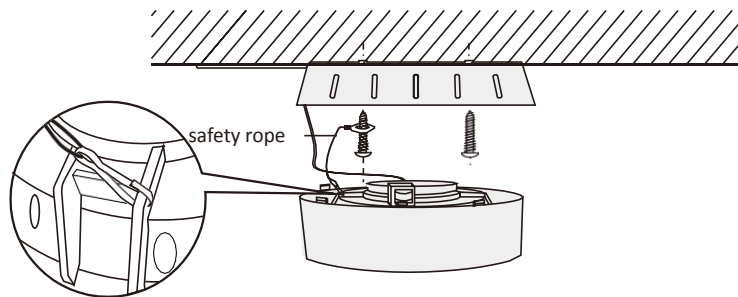


Figure 3

4.Buckle with one end of the projection of the transformer in the base,the female buckle top with blue dots alignment mark,push in parallel(As show in figure4). counter clockwise rotation base,hear a click,align the adge line that fastens the top cover and the pedestal(As show in figure 5),check whether the equipment is installed firmly.

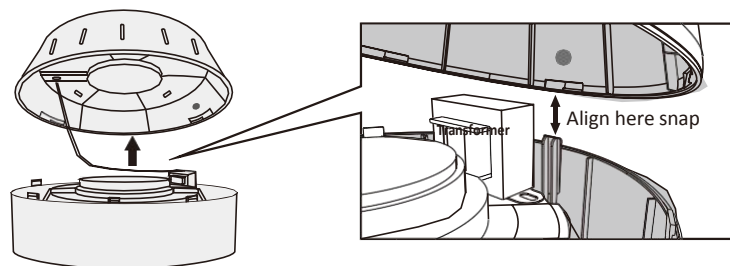


Figure 4

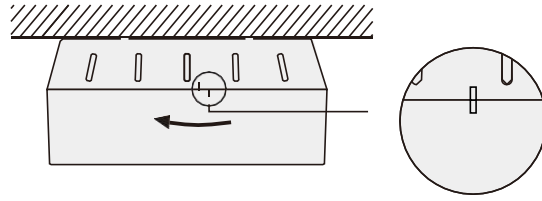
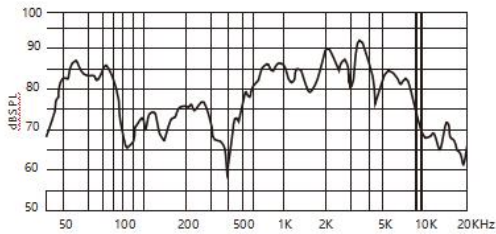
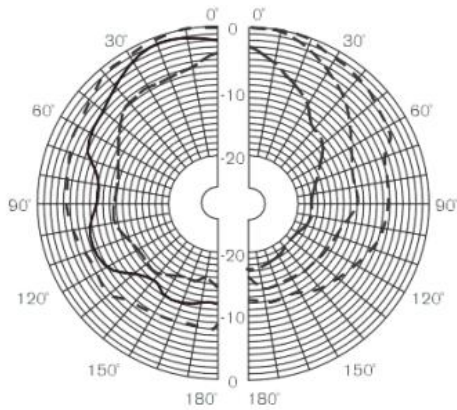
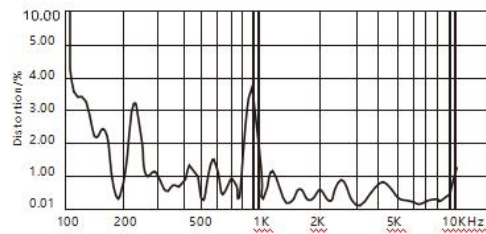


Figure 5

Frequency response characteristics
(dB SPL, 1W, 1m)

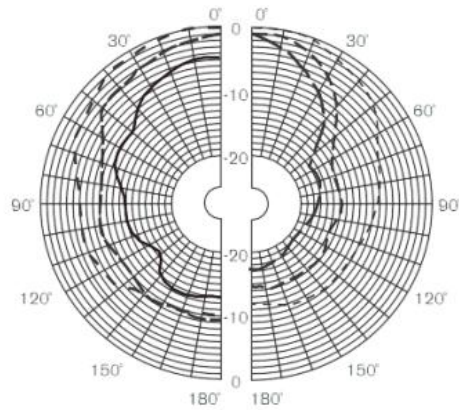


Distortion characteristic
(THD < 5% 1W, 1m, 100Hz-10kHz)



- - - - 250 Hz - - - - 2000 Hz
 - - - - 500 Hz - - - - 4000 Hz
 - - - - 1000 Hz - - - - 8000 Hz

Vertical directivity pattern



- - - - 250 Hz - - - - 2000 Hz
 - - - - 500 Hz - - - - 4000 Hz
 - - - - 1000 Hz - - - - 8000 Hz

Horizontal directivity pattern