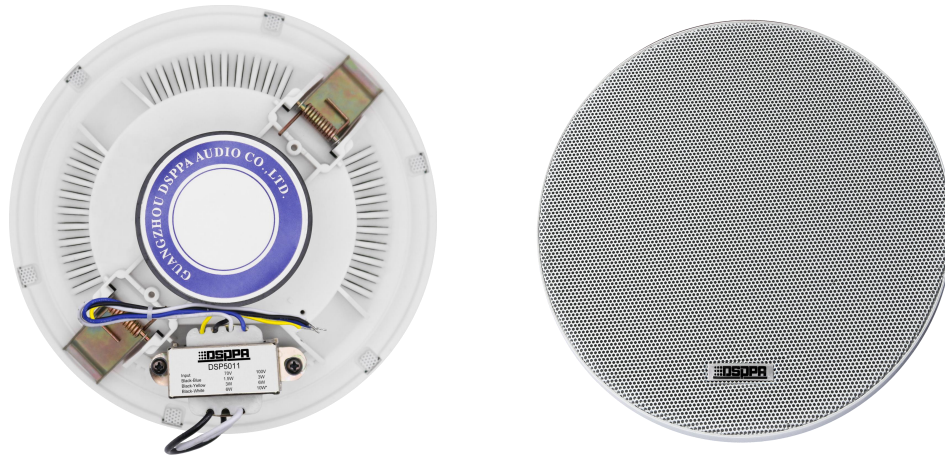# DSP5011 6.5 inch Frameless Ceiling Speaker

*F*eatures

- ➢ 20 cores magnetic steel, ensure high quality sound effect
- ➢ Super-strong reproduction of voice and music;
- ➢ Fashionable design of thin edge, plane, and big cylinder;
- ➢ Easy installation, suitable for ceiling in different thickness;
- ➢ UV-level highly flame retarding;
- ➢ Frequency response 65Hz-20kHz, maximum SPL.103±2dB,High sensitivity 95±2dB, distortion<1.5%.

*D*escription

DSP5011 Frameless Ceiling Speaker adopts the fashionable thin-edge plane big cylinder and the carbon alloy aluminum mesh design with the RAL white coating so as to integrate with any indoor place perfectly. Equipped with a 6.5" full-range designed loudspeaker with magnetic circuit encapsulated with special engineering plastic process, and the drum paper formed with tripping and hot pressing of algae salved organisms, for the purpose of super-strong reproduction of voice and music. It is in conformity with the IEC 268-5 power handling capacity (PHC) standard, and able to operate continuously for 100 hours and carry out simulating acoustic feedback exposure (SAFE) test. It is able to bear the double rated powers within a short period, so as to ensure the high reliability of the loudspeaker under extreme conditions, prolong the service life, and reduce the possibility of occurrence of fault or degradation of performance to a great extent.

Specification

| Loudspeaker	6.5"*1
Effective frequency range	(65~20k) Hz
Rated power(100V line)	6W
Maximum power	10W
Rated impedance	100V line:10W* ,6W ,3W 70V line:6W,3W,1.5W
Maximum sound pressure level	103dB±2dB
Characteristic sensitivity (1m/1w)	95dB±2dB
Storage temperature	-25℃~+55℃
Outline dimension	185mm*69mm
Weight	0.75Kg

Frequency Response
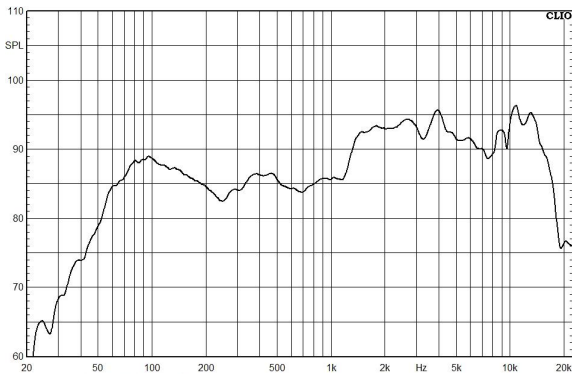
Distortion Characteristic
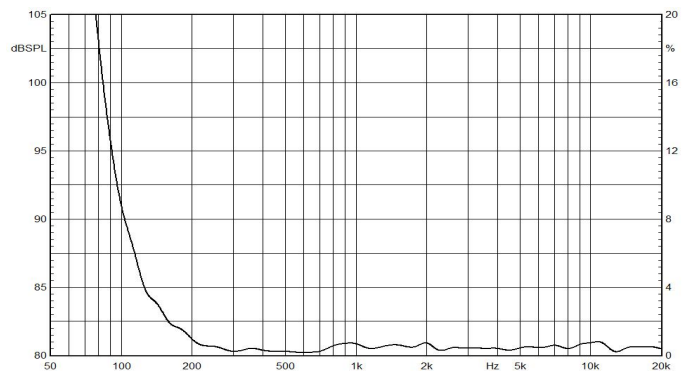
Installation Method

1. Cut an installation hole in the diameter of 165-170mm on the ceiling (see the figure below).

| Outline Dimension	Installation Hole
69mm Ø185mm	165mm-170mm
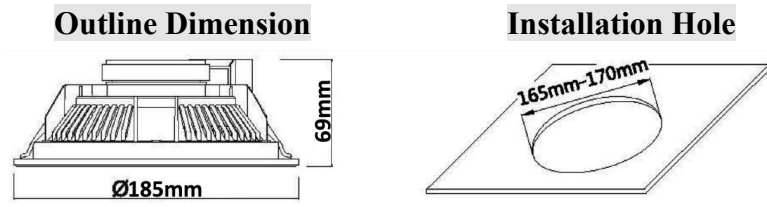
2. The height of the spring clip is suitable for ceilings in different thickness.
3. Connect the audio broadcast transmission line. Select suitable terminal connection according to the table below as required by the actual power need:

Power / Line voltage / Terminal	70V	100V
Black --- Blue	1.5W	3W
Black--- Yellow	3W	6W
Black--- White	6W	10W*

Note: "*" the connection method is used only in case of the longer transmission distance and larger line consumption.

4. Upturn the spring clips of the loudspeaker at both sides and insert into the installation hole, and let go, and then push slightly the loudspeaker into the ceiling (see figure below). **In order to prevent the injury trapped by the spring, it is recommended to wear the working gloves when carrying out this operation.**
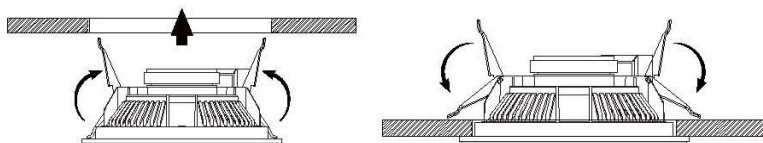
5. Finally, inspect whether it is installed in a firm and reliable way.