

**DSP 505****Ceiling Speaker****Features**

- Max SPL: 96±2dB
- Built-in 100v/70v transformer
- Wide Freq.Resp.:100Hz-16kHz
- High sensitivity: 91±2dB
- Driver surround excellent damping
- Made of high-class steel, and equipped with clamps for installation

**Description**

The DSP505 is a 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.

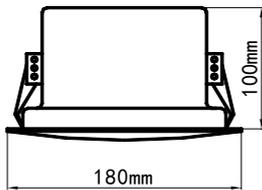
This speaker is designed of wide frequency response (100-16,000Hz); It is made of high-class steel, and equipped with clamps for installation, with long-term durability, and will never be out of shape or fade; Construction of dual-crossover, its flush mount type makes the easy and secure installation possible; Driver surround excellent damping, long life, clear and sonorous sounds.

It can be applied to different occasions vary in area sizes and background noises, such as station, park, school, square, military camp, industrial park, etc.

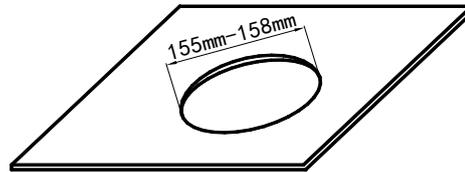
**Specification**

MODEL	DSP505
Rated Power	3W
Rated Output	70/100V
Sensitivity(1M,1W)	91±2dB
Max SPL(1M)	96±2dB
Freq. Resp	100Hz-16kHz
Dimension(L×W×H)	180*180*100mm
Weight	1.2kg

**Dimension**



**Installation Hole**



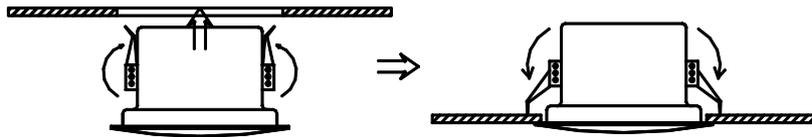
**Installation**

1. Cut a Ø155mm - Ø158mm installation hole on ceiling as the picture shown above;
2. Adjust the clamps of the speaker system to make it suitable for different ply of ceiling;
3. Connect public address wire to the terminals. Different connecting type can get different power. See the details in the table below;

Power Line Voltage Terminals	70V	100V
Red---White	1.5W	3W
Red---Blue	3W	6W
Red---Black	5W	N/A

**ATTENTION:** The red line must be the common terminal when connect with public address wires

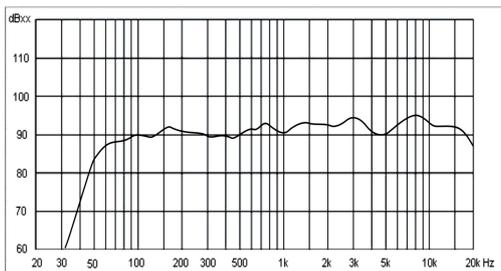
4. Turn up the clamps of the speaker then insert them into the installation hole on ceiling, Release it as the picture shown below. **Put on your gloves for safety is recommended.**



5. Finally, examine whether it is steady.

**FREQ. RESPONSE**

(dB SPL, 1W, 1m)



**DISTORTION**

(THD< 1.5% 1W, 1m, 100Hz~10kHz)

