DSP502 1.5W-10W ABS Ceiling Speaker

Features

- Built-in 100v/70v transformer
- Ceiling type loudspeaker
- 4.5” paper cone driver unit
- Rated power output at 3W-6W
- High sensitivity(91±2dB)
- ABS white engineering plastic
- Fast installation by spring clip

Description

The DSP502 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.

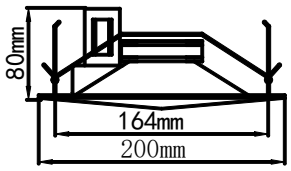
The built-in 4.5” speaker driver is designed of wide frequency response (100-16,000Hz), the multiple terminals 1.5W, 3W & 6W can be applied to different occasions vary in area sizes and background noises; It is made of high quality engineering plastic, with long-term durability, and will never be out of shape or fading; Spring clip clamp ensures the easy and secure installation; Driver surround excellent damping, long life, with clear and sonorous sound.

It is an ideal choice for industrial and commercial applications in hotel, school, office and factory where background music and paging is needed.

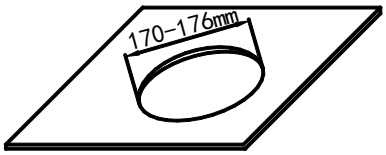
Specification

Model	**DSP502**
Full-Range	4.5” X 1
Rated Power	3W
Max Power	10W
Line Input	70/100V
Sensitivity(1M,1W)	91dB
Max SPL(1M)	96dB
Freq. Response	120-16,000Hz
Cutout Size	Ø170 - Ø176mm
Dimensions (H x W x L)	80 x Ø200mm
Weight	0.8kg

DIMENSIONS



INSTALLATION HOLE



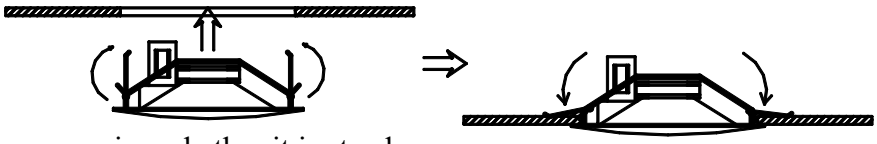
Installation

1. Cut a Ø170mm - Ø176mm installation hole on ceiling as shown above;
2. Connect audio broadcasting wire to the terminals according to the table below;

Power / Line / Voltage / Terminals	70V	100V
Red--- White	1.5W	3 W
Red--- Blue	3 W	6 W
Red---Black	5 W	10 W **(Notice)**

Notice: Applicable to long and high impedance broadcasting wire only.

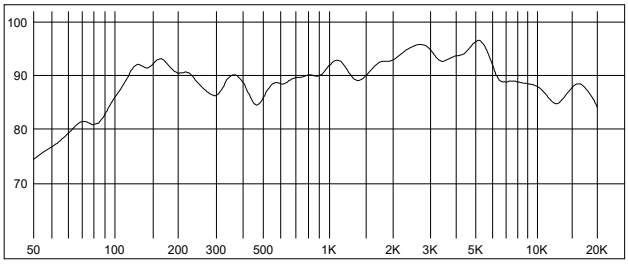
3. Turn up the clamps of the speaker and insert them into the installation hole on ceiling and then release them as shown below. **Put on your gloves for safety is recommended.**



4. Finally，examine whether it is steady.

FREQ. RESPONSE

(dB SPL、1W、1m)



DISTORTION

(THD< 1.5%　1W、1m、100Hz-16KHz)