

## DSP551 4.5" In-Wall Speaker with Transformer



### Features

- Built-in 100v/70v transformer
- In-wall type loudspeaker
- 4.5" paper cone driver unit
- Rated power output at 3W-6W
- High sensitivity(90±2dB)
- ABS enclosed & metal grille in white
- Fast installation by spring clip

### Description

The DSP551 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.

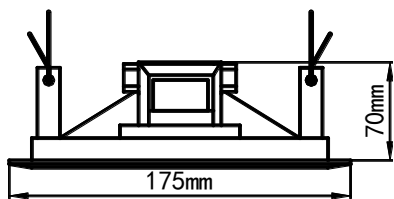
The built-in 4.5" speaker driver is designed of wide frequency response (100-16,000Hz), the multiple terminals 1.5W, 3W & 6W can be applied to different occasions vary in area sizes and background noises; It is made of high quality engineering plastic, with long-term durability, and will never be out 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.

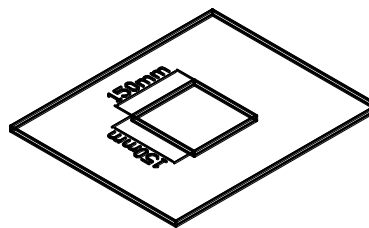
### Specification

|                              |                  |
|------------------------------|------------------|
| <b>MODEL</b>                 | <b>DSP551</b>    |
| <b>FULL-RANGE</b>            | 4.5" X 1,        |
| <b>RATED POWER</b>           | 3W               |
| <b>MAX POWER</b>             | 6W               |
| <b>LINE INPUT</b>            | 70/100V          |
| <b>SENSITIVITY(1M,1W)</b>    | 90dB             |
| <b>MAX SPL(1M)</b>           | 95dB             |
| <b>FREQ.RESP</b>             | 100-16,000Hz     |
| <b>CUTOUT SIZE</b>           | 150 x 150 mm     |
| <b>DEMENSIONS(H x W x L)</b> | 65 x 180 x 180mm |
| <b>WEIGHT</b>                | 0.8kg            |

**DIMENSIONS**



**INSTALLATION HOLE**



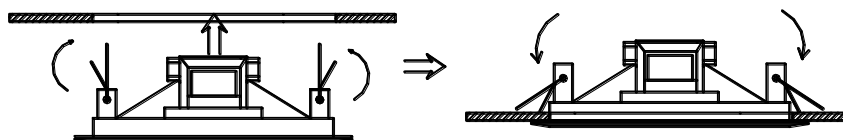
**Installation**

1. Cut a Ø150mm - 150mm installation hole on ceiling as shown above;
2. Connect audio broadcasting wire to the terminals according to the table below;

| Power<br>Terminals | Line<br>Voltage | 70V  | 100V                   |
|--------------------|-----------------|------|------------------------|
| Red--- White       |                 | 1.5W | 3 W                    |
| Red--- Blue        |                 | 3 W  | 6 W                    |
| Red---Black        |                 | 5 W  | 10 W ( <b>Notice</b> ) |

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

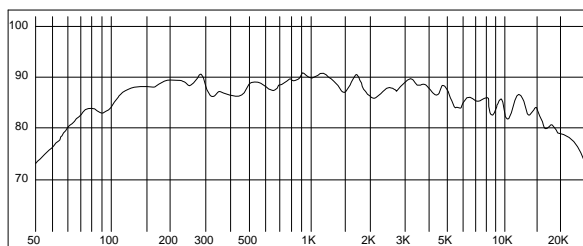
3. Turn up the clamps of the speaker and insert them into the installation hole on ceiling and then release them as shown below. **Put on your gloves for safety is recommended.**



4. Finally, examine whether it is steady.

**FREQ. RESPONSE**

(dB SPL、1W、1m)



**DISTORTION**

(THD< 1.5% 1W、1m、100Hz-16KHz)

