

## DSP159HD 6.5" ABS Ceiling Speaker with Transformer



### Features

- In-ceiling type loudspeaker
- Rated output 100v/70v, 4~16 Ω
- 6.5" paper cone driver unit
- Rated power 1.9~30W
- High sensitivity 96±2dB
- Secure flush mount installation
- High fidelity voice quality
- ABS material

### Description

The DSP159 is a Hifi ceiling speaker, which can be switched between the voltage terminal and the ohms terminal. 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 100-20,000Hz, and rated power is 1.9~30W. It is made of high quality ABS material, which ensures long-term durability, and will never be out of shape or fading; Construction of dual-crossover, its flush mount type makes the easy and secure installation; High fidelity voice quality, good performance of bass, 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>DSP159HD</b>
<b>Full-range</b>	6.5" x 1
<b>Rated Power</b>	30W
<b>Line Input</b>	70/100V, 4-16Ω
<b>Sensitivity (1M,1W)</b>	91± 2dB
<b>Max SPL(1M)</b>	111± 2dB
<b>Freq. Response</b>	100-20,000Hz
<b>Cutout Size</b>	Ø232-242 mm
<b>Weight</b>	4.0kg

**INSTALLATION HOLE**

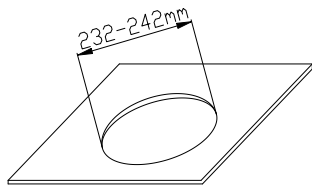


Figure ①

**TAKE AWAY NET**

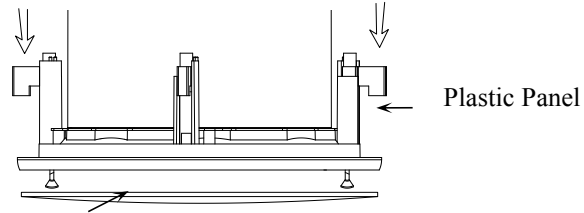


Figure ②

**Installation**

1. Cut a  $\varnothing 232-242\text{mm}$  installation hole on ceiling (Figure ①);
2. Pull the net out (Figure ②);
3. Pass public address wire through the wire-protecting pipe to connect speaker's terminal, then fix up the strain relief fitting and the terminal cover plate (Figure ③);

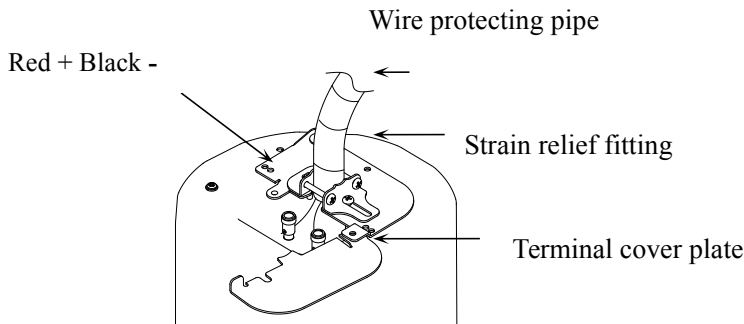


Figure ③

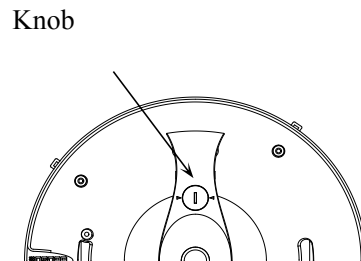


Figure ④

4. Select the power by the power selecting knob as you need (Figure ④);
5. Attach the auxiliary support line through the support ring to another point (Figure ⑤);

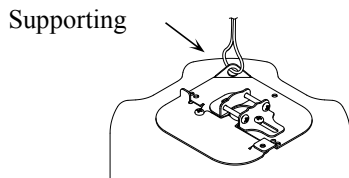


Figure ⑤

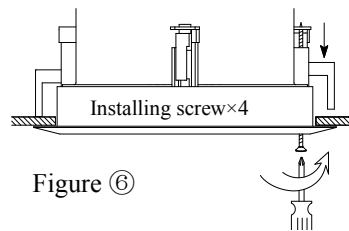
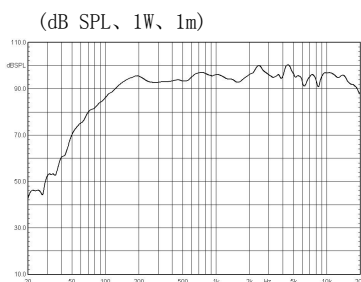


Figure ⑥

6. Push the speaker into the installation hole and turn the installing screw to fix up the speaker on ceiling (Figure ⑥);
7. Push the net into the plastic panel;
8. Adjust the direction of set and examine whether it is steady.

**FREQ. RESPONSE**



**DISTORTION**

