DSP159

HiFi Coaxial Commercial In-Ceiling Speaker with Power Tap

Description

The DSP159 is a versatile HiFi ceiling speaker equipped with a 6.5" driver. It delivers a frequency response of 100–20,000Hz and handles 1.9–30W of power. A dual-crossover design and durable ABS construction ensure reliable performance. With switchable voltage/ohms terminals, it supports 70V or 100V high-voltage transmission, making it ideal for long-distance runs and multi-speaker installations. Perfect for background music and paging in hotels, schools, offices, and factories, it offers high-fidelity sound with robust bass and excellent clarity.

Features

- Type: In-ceiling loudspeaker
- Input options: Rated for 100V / 70V constant voltage and 8Ω low impedance
- Driver: 6.5" paper cone driver
- Power rating: 1.9 – 30W
- Sensitivity: High sensitivity of 96±2dB
- Installation: Secure flush-mount design
- Sound quality: High-fidelity audio reproduction
- Material: ABS construction

Specifications

Model		DSP159
Full-range		6.5” x 1
Rated Power		30W
Power Adjustment	70V	1.9W-7.5W-30W
	100V	3.8W-15W-30W
	8Ω	30W
Sensitivity (1M,1W)		91± 2dB
Max SPL(1M)		111± 2dB
Freq. Response		100-20,000Hz
Cutout Size		Ø232-242 mm
Weight		4.0kg

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Product Information

INSTALLATION HOLE

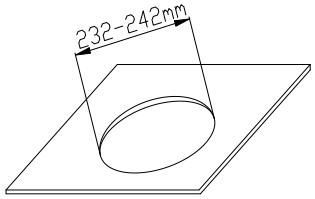


Figure ①

TAKE AWAY NET

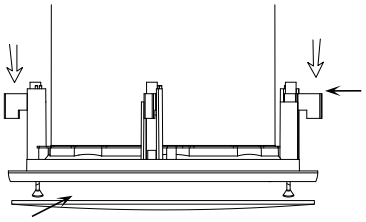


Figure ②

Installation

1 .Cut a Ø232-242mm 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);

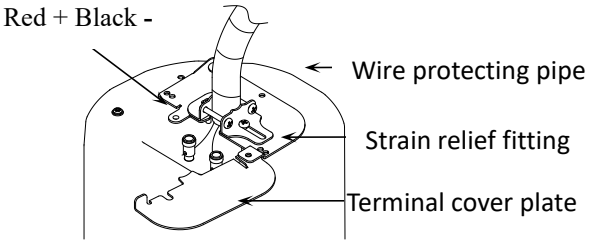


Figure ③

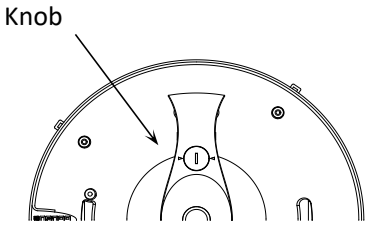


Figure ④

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);

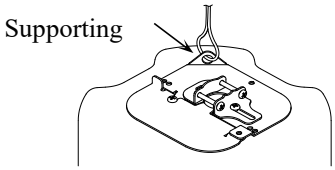


Figure ⑤

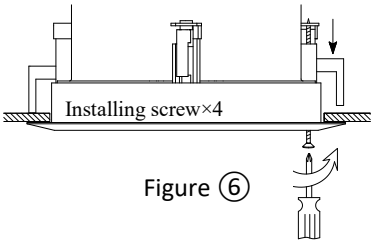


Figure ⑥

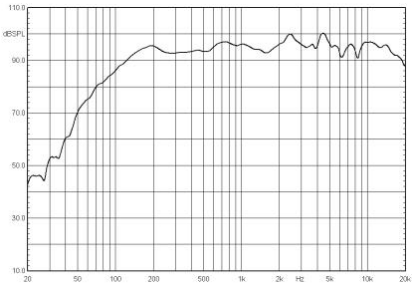
6.Push the speaker into the installation hole and turn the installing screw to fix up the speaker on ceiling (Figure ⑥);

7.Push the net into the plastic panel;

8.Adjust the direction of set and examine whether it is steady.

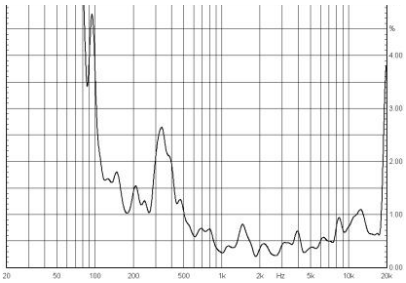
FREQ. RESPONSE

(dB SPL、1W、1m)



DISTORTION

(THD< 1.5%　1W、1m、100Hz-10KHz)



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