DSP5012 35W Coaxial Frame-less Ceiling Speaker

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User's Manual





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Preface

Thank you for choosing of DSPPA audio loudspeaker products. All DSPPA products have passed rigorous tests before leaving the factory. DSPPA public address loudspeakers are widely used in schools, stadiums, squares, parks, car parks, railway stations, airports, villas, shopping malls. It is the ideal choice for you to purchase DSPPA public broadcasting loudspeakers. In order to facilitate your installation, commissioning and use of this product, please read this manual before installation.

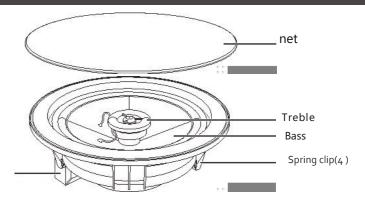
Product Overview

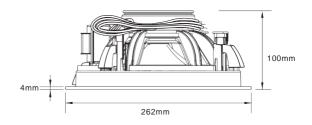
This product is a coaxial two-frequency ceiling speakers. With wide angle and high output power, it can output good sound effect. Besides, it's easy to install. It's an ideal choice for you.

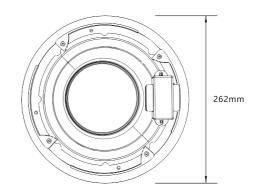
Features

- Ultra-narrow edge design, with RAL white coating, fit in with all indoor occasions;
- With 8 inch bass unit, its magnetic body processed by engineering plastics, its cone paper made from algae heat pressing and processed by waterproof coating. Its rear net is optional for installation. With rear net, its bass effect is better;
- ➤ With 14 core treble unit, crisp and clear. High pitched diffract loading provides wider range coverage;
- Complied with IEC268-5 power handling capability (PHC) standard, and can work continuously for 100 hours at rated power;
- With simulated Acoustic Feedback Exposure (SAFE) test, it can withstand twice the rated power in a short time, which ensures high reliability of the loudspeaker under extreme conditions, extending its service life.
- Rotary clip design, easy installation, durable and reliable

Product Information







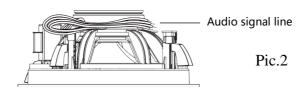
Installation

The installation method of DSP5012 and DSP5012L is same. Take DSP5012 for an example. (1) Please mark the size of the ceiling installation hole by attached circular template. And cut an installation circular hole in the ceiling. (See picture 1, the diameter of the hole is from 230mm to 235mm).



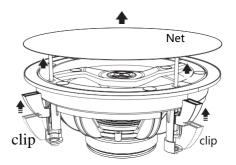
Pic. 1

(2) Connect the audio signal line, select the appropriate terminal connection based on the actual power requirement.

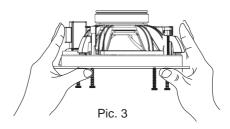


Voltage Power Terminal	70V	100V		
RedBlue	9W	18W		
RedBlue	18W	35W		

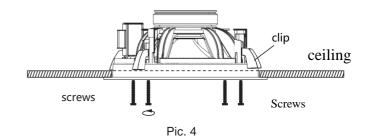
(2) Push the spring clamp on both sides of the loudspeaker and keep it in the state (to avoid spring pinch, wear this work glove when operating). (pic. 2)



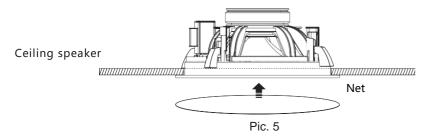
(4) Slowly push the speaker into the open mounting hole. Rotate the clip screw to adjust the position of the clip so that the clip can hold the ceiling (see pic. 3)



(5) Tighten the four screws to tighten the four clips so that the clip can securely clamp the ceiling (see pic. 4)

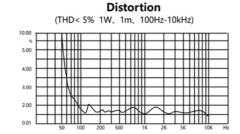


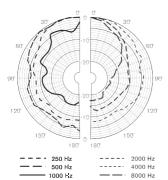
(5) Close the net and the magnetic points on the speaker edge circle will suck the net tightly.(Pic. 5)

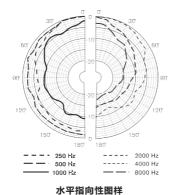


Parameters

Frequency response (dB SPL、1W、1m) 100 90 60 70 60 50 100 200 500 11K 2K 5K 10K 20K H







Vertical directivity pattern

Horizontal directional pattern

Specification

Model	DSP5012 (constant pressure)	DSP5012L (constant resistance)	
Speaker unit	8"×1, 2"×1	$8"\times 1, 2"\times 1$	
Rated power	35W	35W	
Rated voltage	70V/100V	8Ω	
Sensitivity	88±3dB	88±3dB	
SPL	103±3dB	103±3dB	
Frequency response	55Hz-20KHz	55Hz-20KHz	
Product size	Ф262×100mm	Ф262×100mm	
Weight	2kg	1.4kg	

Packing list

Component	Quantity
Ceiling Speaker	1
Opening hole template	
Quality certificate	
Warranty card	

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