For Inquiries, Please contact:

Security Shop doo
Vladimira Nazora 1, 11070 Novi Beograd
Tel: +381 11 318 68 68, www.securityshop.rs

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BLAUPUNKT

User Manual

100V 8" 2-WAY CEILING SPEAKER
BP-PA-SP35W-8C-V2



Enjoy it.

Introduction

Thank you for choosing our products. All products have been rigorously tested before leaving the factory, abide by the quality of commitment. This product is widely used in schools, gymnasiums, square venues, parks, parking lots, railway stations, airports, villas, shopping malls and other places, which is the ideal choice for public address.
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-way ceiling speaker, with a wide diffusion angle, large output power, easy installation, and super-strong reproduction of voice and music. It is an ideal choice for you to install the ceiling speaker with superior sound quality.

Product Features

- Adopt the stylish ultra-narrow design, combined with the RAL white coating, to be perfectly integrated into any indoor occasion.
- With 8" woofer, magnetic circuit coated by a special process of engineering plastics, and pressed black polypropylene cone-shape drum paper, waterproof and moistureproof, and with optional rear cover for stronger low-frequency sound.
- With a 14-core tweeter for clear and bright treble, and the diffractive loading of the treble for wide and uniform coverage.
- Compliance with IEC 268-5 power handling capability (PHC) standard, it 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 period of time, which ensures the high reliability of the speaker under extreme conditions, prolongs the service life and significantly reduces the chance of failure or performance degradation.
- With flexible movable clamp design, easy to install, durable and reliable.

Model	BP-PA-SP35W-8C-V2
Description	8” 2-Way Ceiling Speaker
Power Output	40W/80W Max 8 Ohms
Power Taps	40W-20W-10W-5W & 8 Ohm
Sensitivity 1W/1m	91dB
MAX SPL	105dB
Frequency Response	60-20KHz
Finish	Baffle: ABS, black; Grille: magnetic steel, white
Speaker Driver	8" bass+1" tweeter two way system
Cutout Size	Ø250mm
Dimensions	Ø280×190mm
Weight	2.7Kg

⑥ Put the mesh back, and the magnetic dots in the speaker rim will firmly attract the mesh (as shwon in Figure 5).

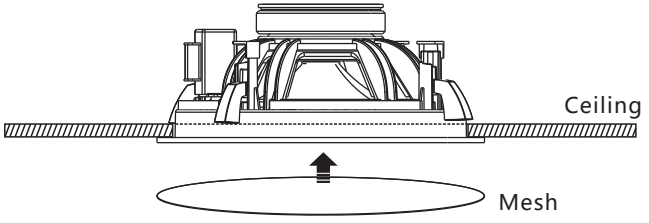
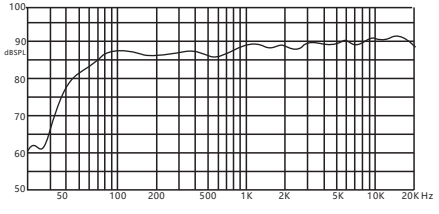


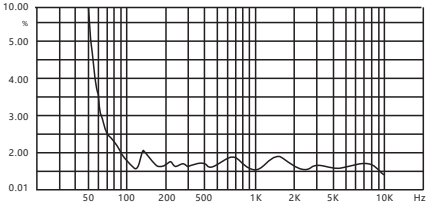
Figure 5

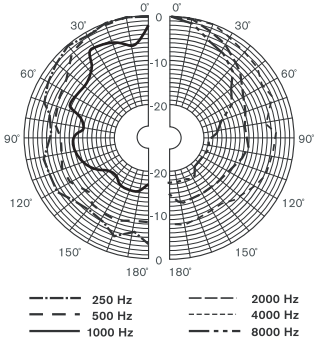
Technical Parameters

Frequency Response
(dB SPL、1W、1m)

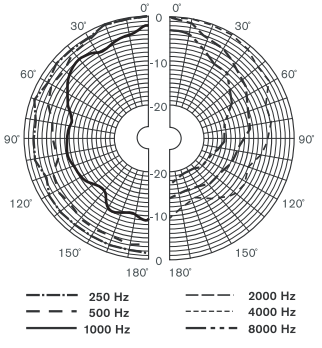


Distortion
(THD< 5% 1W、1m、100Hz-10kHz)



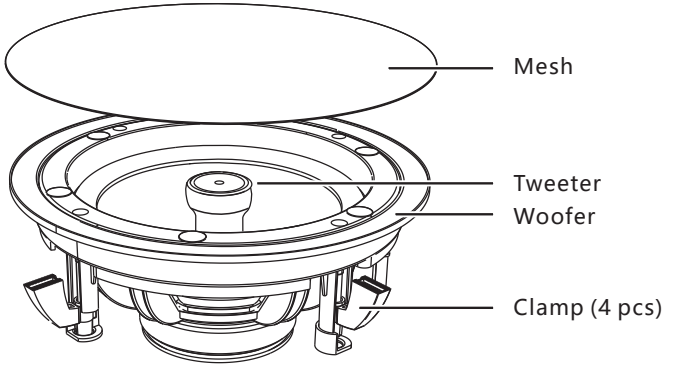


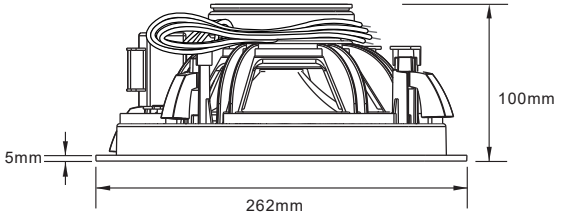
Vertical Directivity Pattern

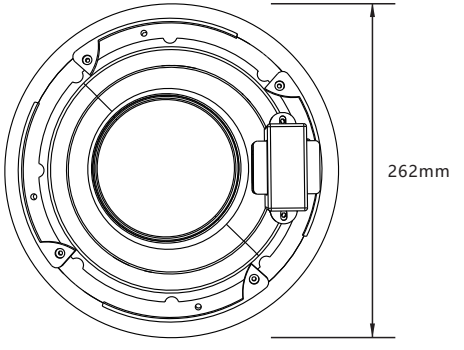


Horizontal Directivity Pattern

Product Information







Installation

① Please mark the size of the mounting hole on the ceiling with the circular template provided with the speaker, and cut a mounting hole in the ceiling (as shown in Figure 1, with the diameter of the hole of 230-235mm).

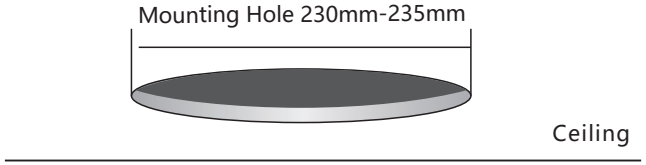
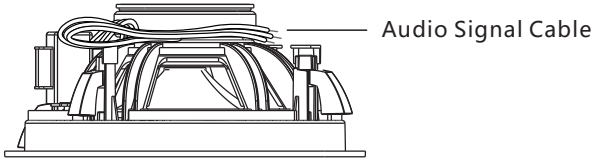


Figure 1

② Connect the audio signal cable. Please select the appropriate terminal for wiring according to the actual power requirements and the following table.



③ Push any two clamps of the speaker towards the mesh, and the screws on the clamps will be pushed out of the speaker mesh, and then remove the mesh and put it in a place (as shown in Figure 2).

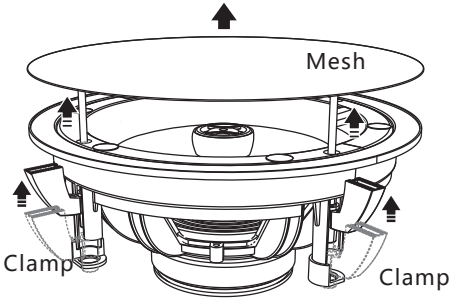


Figure 2

Carefully push the speaker into the mounting hole, and rotate the clamp screws to adjust the position of the clamp so that the clamp can hook the ceiling (as shown in Figure 3).

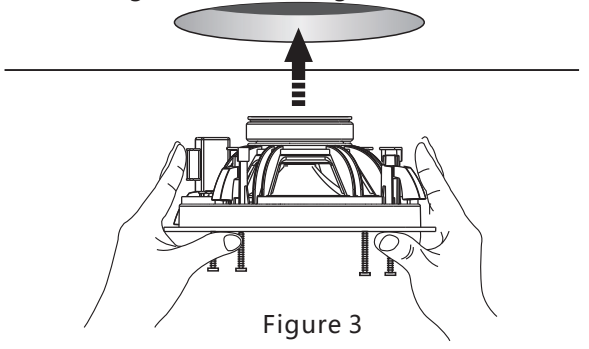


Figure 3

⑤ Tighten the four screws to secure the four clamps, so that the clamps can firmly tighten the ceiling (as shown in Figure 4).

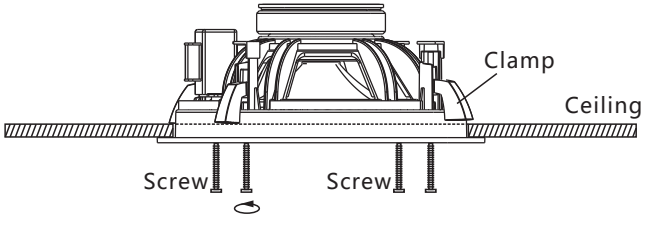


Figure 4