

DSP8300

270W Commercial Column Wall Mount Array Loudspeaker



Description

The DSP8300 Array Column Speaker boasts a compact, elegant design. Utilizing constant beam technology, it delivers interference-free sound projection. This column speaker serves as a sound reinforcement system for venues such as conference rooms, digital courtrooms, lecture halls, and classrooms, as well as a background music system for churches, museums, squares, transportation hubs, and similar locations.

Features

- Streamlined design with an attractive appearance.
- Features precise beam projection and directing technology, offering unique acoustic performance advantages.
- Delivers a balance of performance and price for applications using beam steering technology.
- Provides effective sound reinforcement in complex environments with high natural reverberation, echoes, and architectural obstacles in speech and music listening spaces.
- With a precise 30- degree vertical diffusion angle, sound is projected linearly using the comb- like coupling principle.
- Equipped with 8 × 3" special ferrite units and a 1- inch high- performance neodymium high- frequency driver, producing a uniform and symmetrical 160- degree horizontal diffusion angle.
- The front panel features 9 asymmetrical circular waveguides that, together with the enclosure's damping, create a unique low- frequency heart- shaped dispersion — ensuring pleasant, natural sound and full, clear bass.
- Suitable for medium- to long- distance sound reinforcement in a variety of indoor environments.

Specifications

Model	DSP8300
Rated Power	270W
Maximum Loading Power	1080W
Woofer Drive Unit	8x3"
Treble Drive Unit	1x1" neodymium tweeter, pre-compressed equalizer unit
Impedance	4Ω
Sensitivity (1W/1m)	93dB
Assigned Frequency Band SPL (Peak)	124dB
Freq. Response	100Hz~20kHz
Diffusion Angle (-6dB)	Vertical > 30°, Horizontal > 160°
Mounting Holes	10 x M6
Mounting Systems	Intelligent mounting brackets/Embedded mounting brackets
Chassis Material	ABS plastic mixed with glass fiber chassis,
Chassis Color	Black/White
Aluminum Mesh Color	Black/White
Iron Mesh Hole Type	Circular Hole
Mounting Method	Wall Mounted/ Embedded
Connection Method	Connection Terminal
Dimension (L*W*H mm)	934×98×150mm
N.W.	4.85kg
G.W.	8.31kg