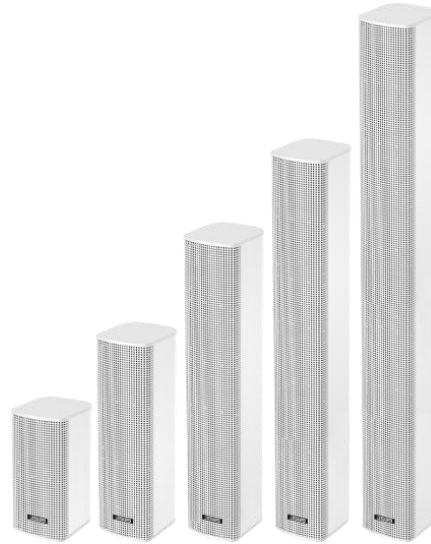


DSP5210 DSP5420 DSP5630 DSP5840 DSP1260

100W/200W/300W/400W/600W 4.5" Commercial Surface-Mount Column Speaker



Description

This speaker features a unique driver combination: a 4.5" paper cone woofer paired with a 1" tweeter. The design prioritizes high sensitivity and low distortion, delivering a soft, pleasing sound with a natural, uncolored tone. The aluminum alloy enclosure offers superior airtightness, making it stable, durable, and resistant to unwanted noise. The streamlined metal mesh grille integrates seamlessly with the cabinet, highlighting the product's elegant and generous appearance. This speaker is well suited for small to medium-sized venues, including restaurants, teahouses, stations, schools, squares, office buildings, small to medium-sized conference rooms, home theaters, churches, and similar spaces.

Features

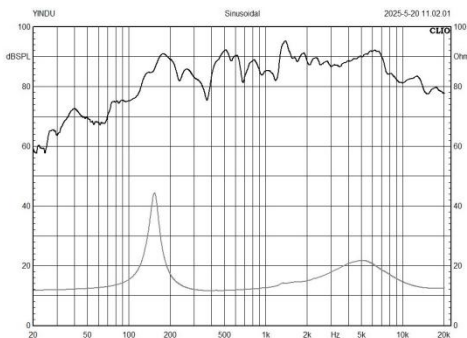
- The DSP5210 series includes multiple models, each with a different number of speaker units and tweeters to suit various audio requirements and application scenarios.
- Constructed from high-quality aluminum alloy, the series is stable, durable, and well suited for a range of decorative environments.
- A 4.5" full-range driver paired with a 1" tweeter delivers focused sound energy and exceptional clarity.
- Sensitivity ranges from 88dB to 90dB, rated power from 100W to 600W, and maximum SPL reaches up to 117.8dB — making these speakers ideal for applications demanding high volume and clear reproduction.
- The coverage angle is designed at 140° horizontal by 20° vertical, ensuring both sound clarity and uniformity while optimizing the spatial sound field.

| Model | | DSP5210 | DSP5420 | DSP5630 | DSP5840 | DSP1260 |
|-------------------|------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Speaker Unit | Full-range | 4.5"x2 | 4.5"x4 | 4.5"x6 | 4.5"x8 | 4.5"x12 |
| | Tweeter | 1"x1 | 1"x1 | 1"x1 | 1"x1 | 1"x1 |
| Rated Power (RMS) | | 100W | 200W | 300W | 400W | 600W |
| Impedance | | 8Ω | 8Ω | 8Ω | 8Ω | 8Ω |
| Freq. Response | | 120-18KHz | 120-18KHz | 110-18KHz | 110-18KHz | 95-18KHz |
| Sensitivity | | 88dB | 89dB | 90dB | 90dB | 90dB |
| Maximum SPL | | 108dB | 112dB | 114.7dB | 116dB | 117.8dB |
| Coverage Angle | | 140°(H)×20°(V) | 140°(H)×20°(V) | 140°(H)×20°(V) | 140°(H)×20°(V) | 140°(H)×20°(V) |
| Dimension(LxWxH) | | 123*142*393 mm | 123*142*653 mm | 123*142*912 mm | 123*142*1166 mm | 123*142*1687 mm |
| Net Weight | | 3.84KG | 6.46KG | 9.02KG | 11.65KG | 16.63KG |

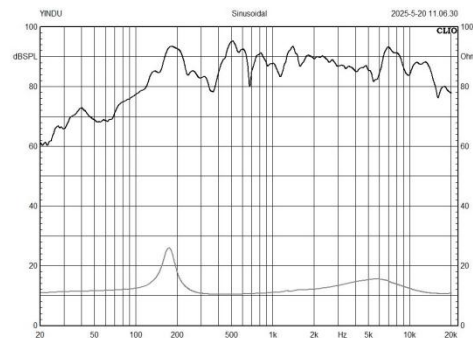
Product Information

Frequency Response and Impedance Curve

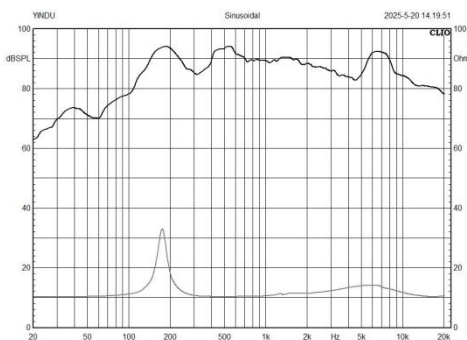
DSP5210



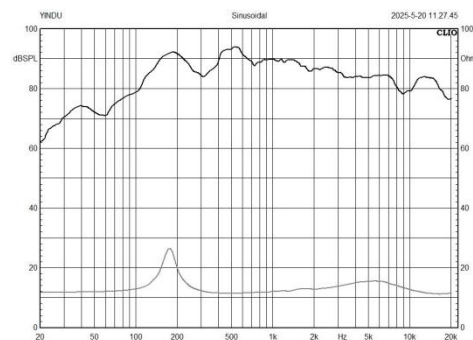
DSP5420



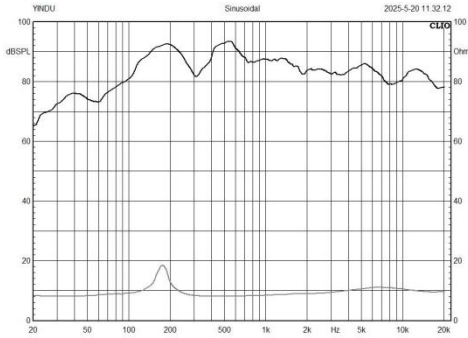
DSP5630



DSP5840



DSP1260

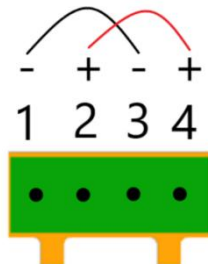


Installation

1. As shown in the figure, the Phoenix terminal has pins 1 and 3 as negative poles, pins 2 and 4 as positive poles. When wiring, you only need to connect one of the two groups.



2. Speakon plug connection only needs to connect 1+ and 1-; 2+ and 2- are empty.



3. Product bracket interface installation diagram.

