

DSP4006

6.5" 100W Compact Commercial Outdoor Horn Speaker



Description

Engineered for superior sound, this speaker features a high-power coaxial driver and horn tweeter, delivering clear layered audio, robust bass, and bright, penetrating highs. With a sleek, refined design and IP56 waterproof rating, it excels in both indoor and outdoor venues—from parks and schools to airports and plazas. Crafted with premium materials, including a hardened anti-oxidation 1060 pure aluminum grille and high-strength engineering plastic enclosure, it ensures durability and permanent rust resistance. The P-film tweeter diaphragm and large-magnetic-circuit polypropylene woofer boost performance, while the precision-formed rust-resistant carbon steel mounting bracket enables secure installation.

Features

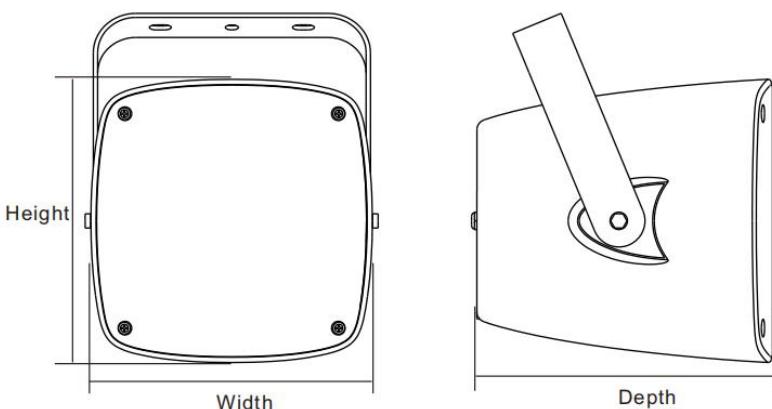
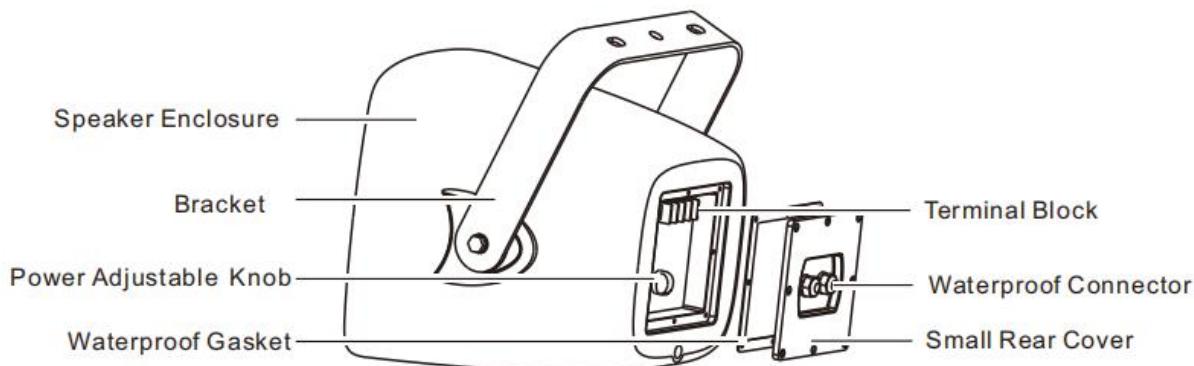
- High-power coaxial driver and horn tweeter deliver clear sound layers, powerful bass, and bright penetrating highs.
- Streamlined design with smooth elegant lines for a stylish refined appearance.
- 1060 pure aluminum grille with hardening and anti-oxidation treatment resists deformation and rust permanently.
- High-strength engineering plastic enclosure ensures durability, safety and reliability.

- P-film tweeter diaphragm and polypropylene woofer with large magnetic circuit enhance audio performance.
- High-quality carbon steel mounting bracket with precision bending and rust-resistant treatment
- IP56 waterproof rating enables all-weather reliability for indoor/outdoor venues including parks, schools, plazas, airports and high-speed railway stations.

Specifications

Model	DSP4006
Speaker Unit	6.5"×1, 1"×1
Rated Power	100W
Power Adjustment	70V 100V 8Ω
Frequency Response	50W-25W-12.5W-6.25W 100W-50W-25W-12.5W 100W
Sensitivity (1m, 1W)	100Hz-18kHz
Max. SPL (1m)	93dB±2dB
Operating Temperature	113dB±2dB
Product Size (H×W×D)	-20°C~+50°C
Net Weight	260×258×272mm
Gross Weight	7.0kg
	8.0kg

Product Information

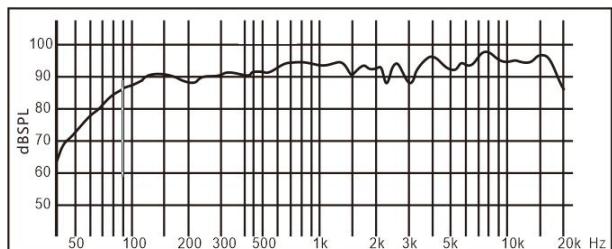


Height	Width	Depth
260	258	272

Product Dimension (Unit:mm)

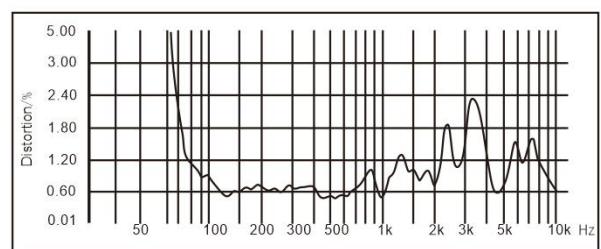
Frequency Response Characteristics

(dB SPL, 1W, 1m)

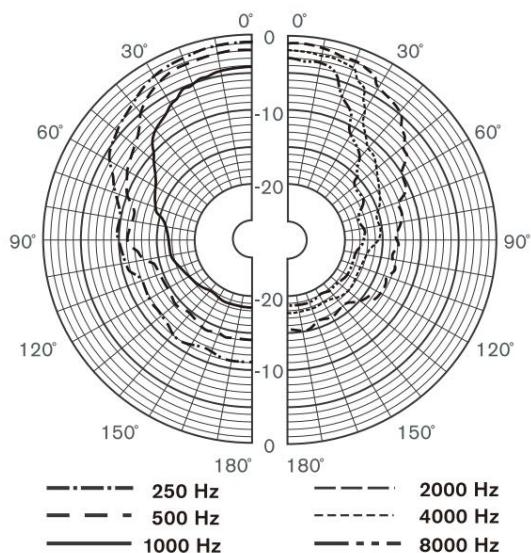


Distortion Characteristic

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



Vertical Directivity Pattern



Horizontal Directivity Pattern

