

## 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

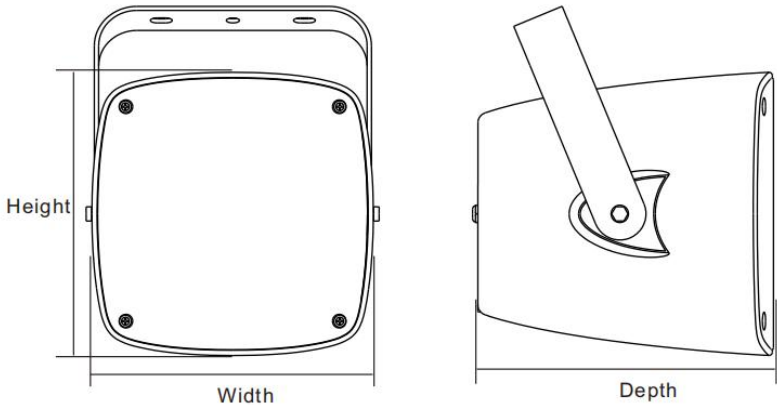
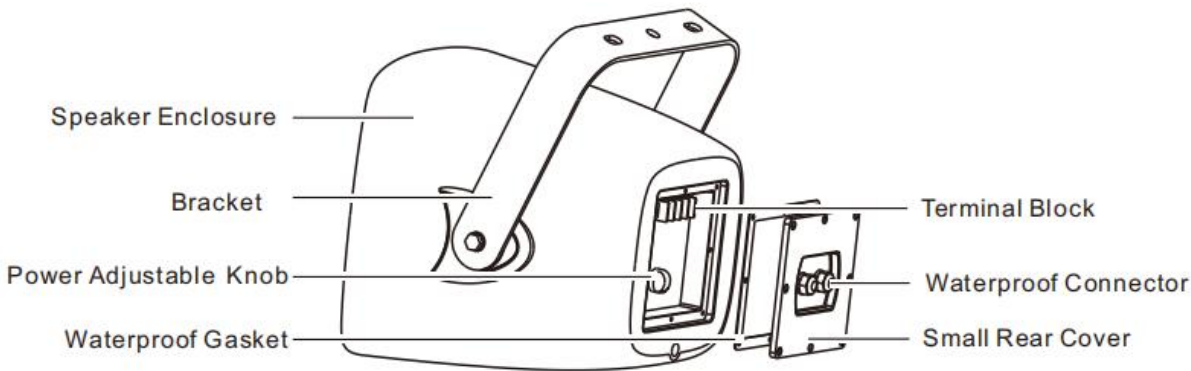
- High-power coaxial driver and horn tweeter deliver clear sound layers, powerful bass, and bright penetrating highs.
- Streamlined design with smooth elegant lines for a stylish refined appearance.
- 1060 pure aluminum grille with hardening and anti-oxidation treatment resists deformation and rust permanently.
- 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	50W-25W-12.5W-6.25W
	100V	100W-50W-25W-12.5W
	8Ω	100W
Frequency Response		100Hz-18kHz
Sensitivity (1m, 1W)		93dB ± 2dB
Max. SPL (1m)		113dB ± 2dB
Operating Temperature		-20℃~+50℃
Product Size (H×W×D)		260×258×272mm
Net Weight		7.0kg
Gross Weight		8.0kg

## Product Information

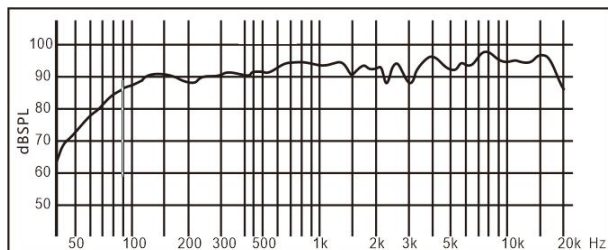


Height	Width	Depth
260	258	272

Product Dimension (Unit :mm)

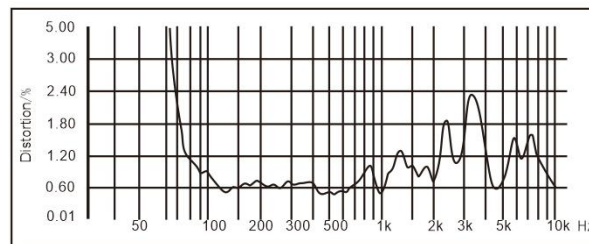
## Frequency Response Characteristics

(dB SPL, 1W, 1m)

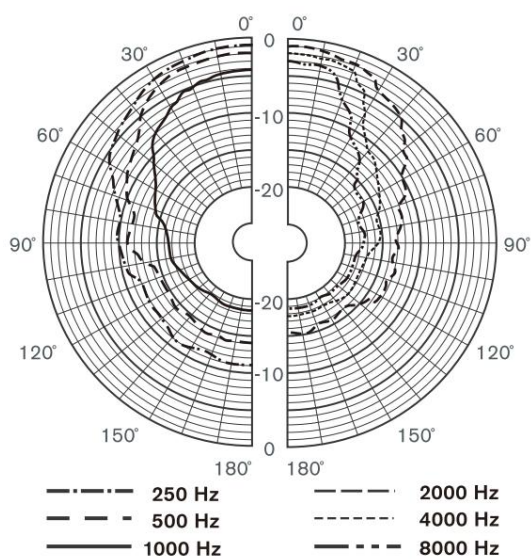


## Distortion Characteristic

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



## Vertical Directivity Pattern



## Horizontal Directivity Pattern

