

DSP165HD

100W Waterproof Horn Speaker



Description

Engineered with a full aluminum-alloy housing, this waterproof horn speaker delivers high power output, wide frequency response, strong sound penetration, and wide-area coverage. Its robust waterproof design ensures reliable performance in demanding outdoor environments, making it ideal for squares, railway stations, industrial facilities, and other large open areas requiring clear and far-reaching audio.

Features

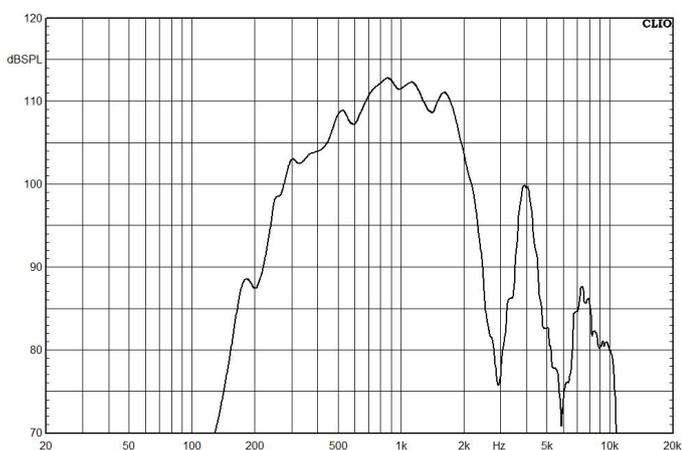
- 100W rated power with multiple power taps for flexible configuration.
- High sensitivity of $106\pm 3\text{dB}$ and maximum sound pressure level of $126\pm 3\text{dB}$ for clear and far-reaching sound coverage.
- Robust, corrosion-resistant housing designed for long-term outdoor performance.
- IP66 Waterproof design for reliable all-weather operation.
- 280Hz–2.2kHz response range optimized for speech intelligibility.
- Supports 100V and 16Ω inputs for versatile system integration.
- $\Phi 500\times 485\text{mm}$ horn structure for efficient and wide-area sound dispersion.
- Equipped with brackets for easy and secure installation.

Specifications

Model		DSP165HD
Rated Power		100W
Power Tap		100W-50W-25W-12.5W-OFF-16Ω
Input	Constant Voltage	100V
	Constant Resistance	16Ω
Frequency Response		280Hz-2.2kHz
Sensitivity		106±3dB
MAX. SPL.		126±3dB
Waterproof Level		IP66
Dimensions		Φ500×485mm
Weight		4.6kg

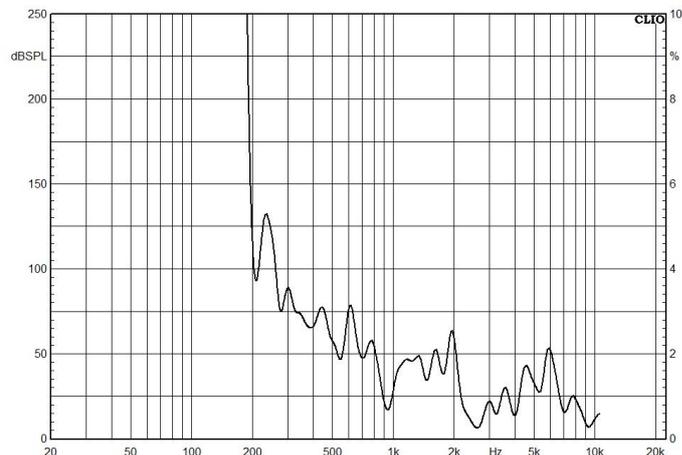
Product Information

Frequency Response
(dB SPL, 1W, 1m)



Distortion

(THD<3% 1W, 1m, 200Hz-20kHz)



Dimensions

