

DSP1230

300W 12" Commercial Weather-Resistant Surface Mount Horn Loudspeaker (70V/100V/8Ω)



Description

The DSP1230 is a high-power, long-range horn loudspeaker that employs a coaxial design integrating treble and bass drivers with professional-grade components. It delivers efficient sound projection, strong penetration, and excellent speech clarity. The PP enclosure is both waterproof and corrosion-resistant, enabling reliable operation in a variety of extreme climates and environments. This product is widely used in stadiums, schools, training grounds, air raid warning systems, coastal beaches, and highways.

Features

- Driver configuration: 12" woofer + 1.8" tweeter; rated power: 300W
- Signal input options: 100V constant voltage or 8 Ω low impedance
- Frequency response: 100Hz - 19kHz
- Sensitivity (1W/1m): 98 ± 3 dB
- Maximum SPL: 123 ± 3 dB
- Coverage angle: 50° horizontal \times 70° vertical
- Connector: 2 \times Neutrik Speakon NL4
- Dimensions: 415 \times 415 \times 420 mm

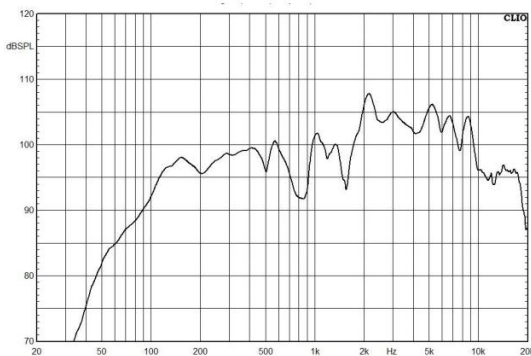
- Weight: 20 kg

Specifications

Model	DSP1230
Speaker Unit	12"×1, 1.8"×1
Rated Power	300W
Input	100V/8Ω
Frequency Response	100Hz-19KHz
Sensitivity (1W/1M)	98±3dB
Max. SPL (1M)	123±3dB
Coverage Angle	50×70
Waterproof level	IP56
Color	Black/Grey
Product Weight	20kg
Product Size	415×415×420mm

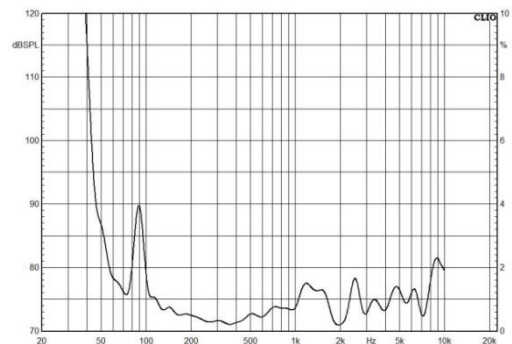
Product Information

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

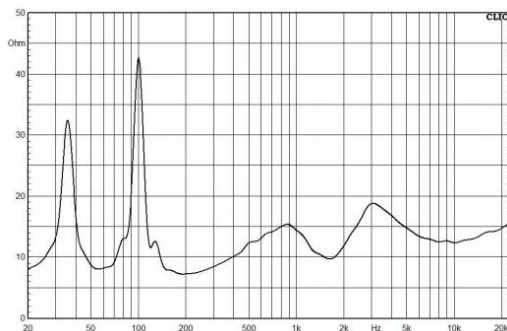


Distortion

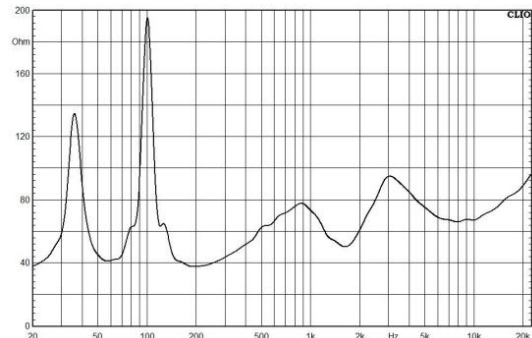
(THD < 1.5% 1W, 1m, 100Hz-10kHz)



Impedance Curve
(Constant Impedance)



Impedance Curve
(Constant Voltage)



Installation Diagram

