

DSP1540

400W 15" Commercial Weather-Resistant Surface Mount Horn Loudspeaker (70V/100V/8Ω)



Description

The DSP1540 is a high-power, long-range horn loudspeaker featuring a coaxial design that integrates 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: 15" woofer + 3" tweeter; rated power: 400W
- Signal input options: 100V constant voltage or 8 Ω low impedance
- Frequency response: 98Hz - 18kHz
- Sensitivity (1W/1m): 101 ± 3 dB
- Maximum SPL: 127 ± 3 dB
- Coverage angle: 50° horizontal \times 80° vertical
- Connector: 2 \times Neutrik Speakon NL4
- Dimensions: 490 \times 490 \times 480 mm

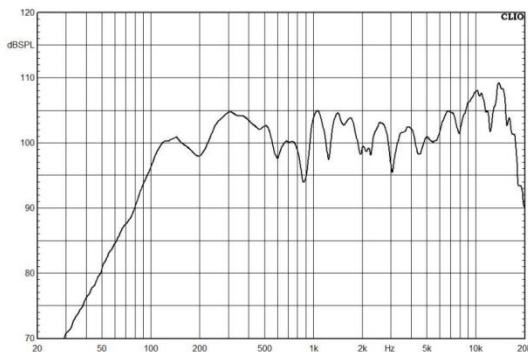
- Weight: 28 kg
- Ingress protection rating: IP56

Specifications

Model	DSP1540
Speaker Unit	15"×1, 3"×1
Rated Power	400W
Input	100V/8Ω
Frequency Response	98Hz-18KHz
Sensitivity (1W/1M)	101±3dB
Max. SPL (1M)	127±3dB
Coverage Angle	50×80
Waterproof level	IP56
Color	Black/Grey
Product Weight	28kg
Product Size	490×490×480mm

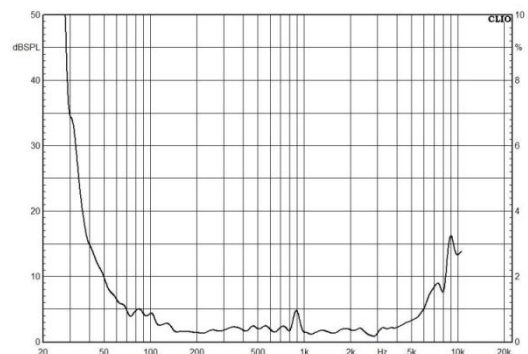
Product Information

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

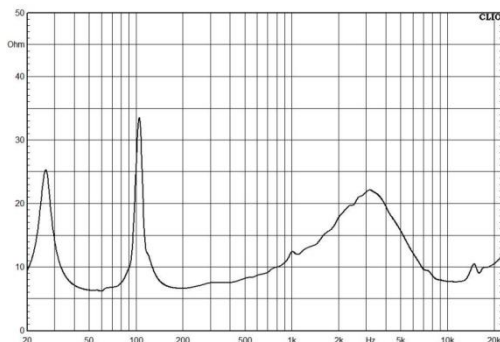


Distortion

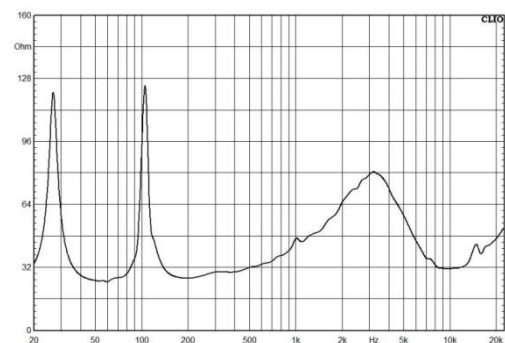
(THD < 1.5% 1W, 1m, 100Hz-10kHz)



Impedance Curve
(Constant Impedance)



Impedance Curve
(Constant Voltage)



Installation Diagram

