

DSP1020

200W 10" Commercial Weather-Resistant Surface Mount Horn Loudspeaker (70V/100V/8 Ω)



Description

The DSP1020 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: 10" woofer + 1.8" tweeter; rated power: 200W
- Signal input options: 100V constant voltage or 8 Ω low impedance
- Frequency response: 110Hz - 16kHz
- Sensitivity (1W/1m): 97 ± 3 dB
- Maximum SPL: 120 ± 3 dB
- Coverage angle: 40° horizontal \times 70° vertical
- Connector: 2 \times Neutrik Speakon NL4
- Dimensions: 360 \times 360 \times 370 mm

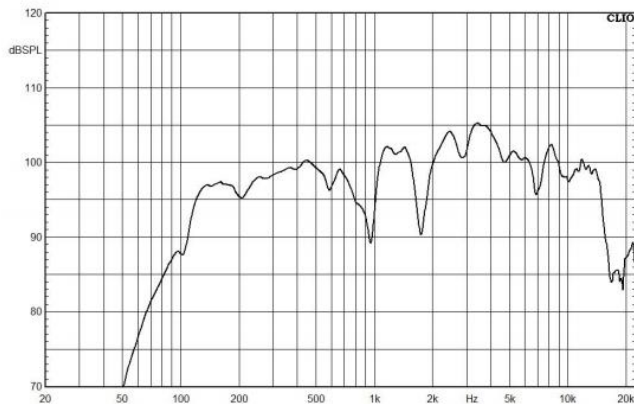
- Weight: 14 kg
- Ingress protection rating: IP56

Specifications

Model	DSP1020
Speaker Unit	10"×1, 1.8"×1
Rated Power	200W
Input	100V/8Ω
Frequency Response	110Hz-16KHz
Sensitivity (1W/1M)	97±3dB
Max. SPL (1M)	120±3dB
Coverage Angle	40×70
Waterproof level	IP56
Color	Black/Grey
Product Weight	14kg
Product Size	360×360×370mm

Product Information

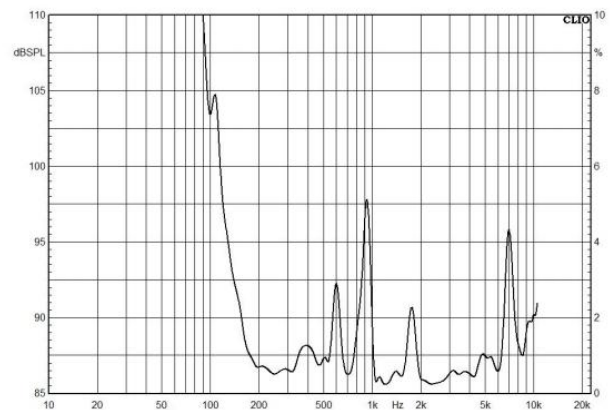
Frequency Response
(dB SPL, 1W, 1m)



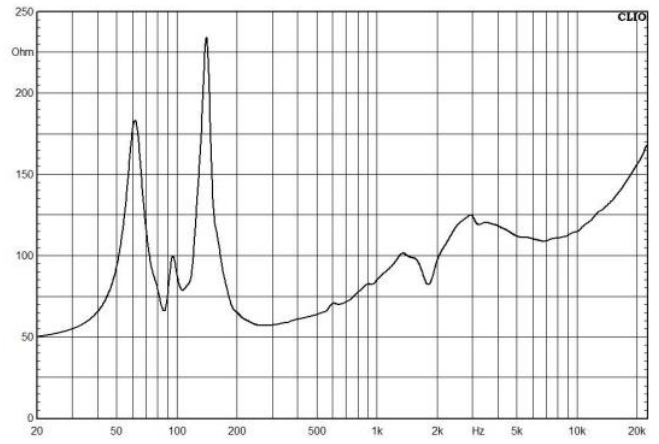
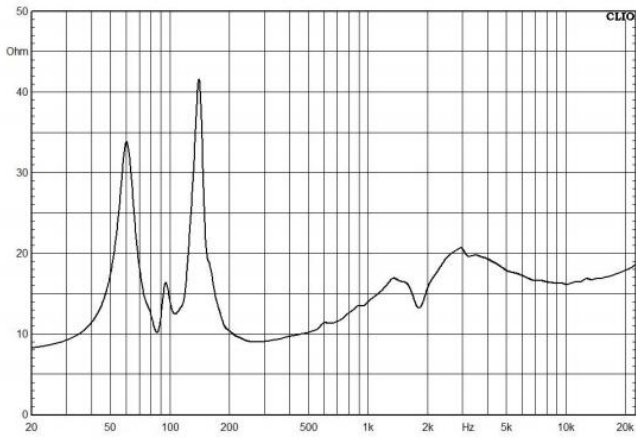
Impedance Curve
(Constant Impedance)

Distortion

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



Impedance Curve
(Constant Voltage)



Installation Diagram

