

## DSP0810

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



#### Description

The DSP0810 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 intelligibility. The PP enclosure is both waterproof and corrosion-resistant, making it suitable for a wide range 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: 8" woofer + 1.5" tweeter; rated power: 100W
- Signal input options: 100V constant voltage or 8 Ω low impedance
- Frequency range: 110Hz - 16kHz
- Sensitivity (1W/1m):  $96 \pm 3$  dB
- Maximum SPL:  $116 \pm 3$  dB
- Coverage angle:  $50^\circ$  horizontal  $\times$   $70^\circ$  vertical
- Connector: 2  $\times$  Neutrik Speakon NL4
- Dimensions: 300  $\times$  300  $\times$  310 mm

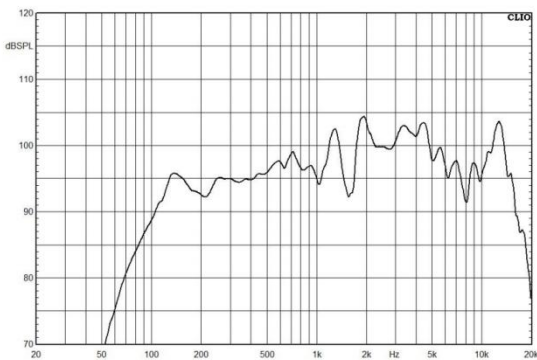
- Weight: 11 kg
- Ingress protection rating: IP56

## Specifications

Model	DSP0810
Speaker Unit	8"×1, 1.5"×1
Rated Power	100W
Input	100V/8Ω
Frequency Response	110Hz-16KHz
Sensitivity (1W/1M)	96±3dB
Max. SPL (1M)	116±3dB
Coverage Angle	50×70
Waterproof level	IP56
Color	Black/Grey
Product Weight	11kg
Product Size	300×300×310mm

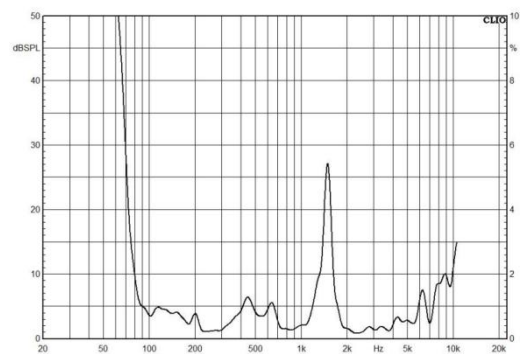
## Product Information

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

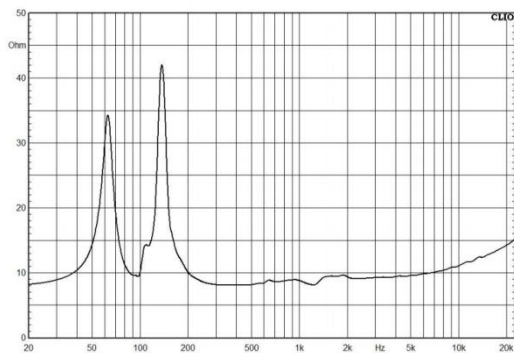


**Distortion**

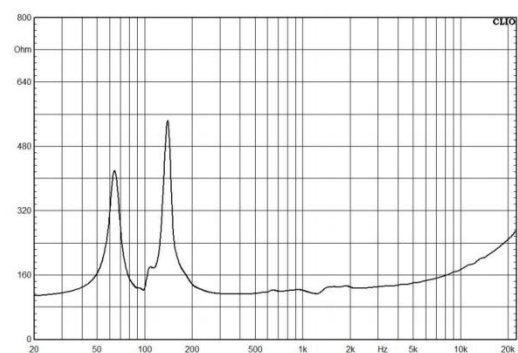
(THD < 1.5% 1W, 1m, 100Hz-10kHz)



**Impedance Curve**  
(Constant Impedance)



**Impedance Curve**  
(Constant Voltage)



# Installation Diagram

