

PROLINE

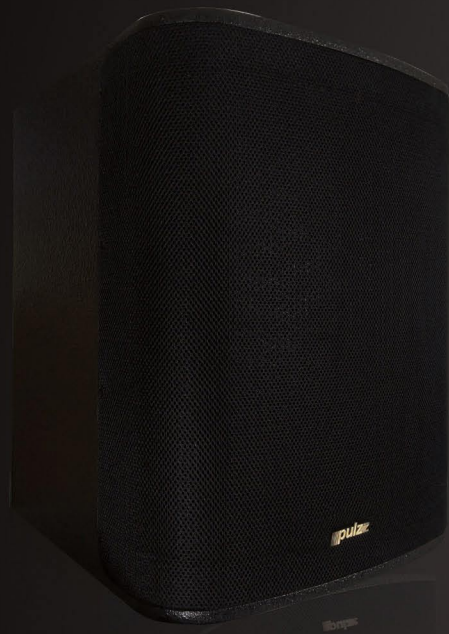
**pulz**<sup>®</sup>

**EVERY SEAT -  
A PRIME SEAT!**



**ISOWAVE SERIES**

# ISOWAVE CX12S



## FEATURES

- 12" (300 mm) Low Frequency Driver
- 1.75" (44 mm) High Frequency Driver
- Coherent wavefront
- Point source reproduction
- Coaxial design with waveguide loading
- 90° X 60° rotatable waveguide
- High dynamic SPL
- Low harmonic distortion
- Enhanced sonic accuracy
- Smooth and extended frequency response

The Pulz IsoWave CX12S 2-Way Speaker System design emphasizes on consistency and linearity of on and off axis response providing more spatially consistent sound compared to designs utilizing offset drivers. The enhanced sonic accuracy of IsoWave speaker system is primarily possible due to the carefully integrated coaxial solution.

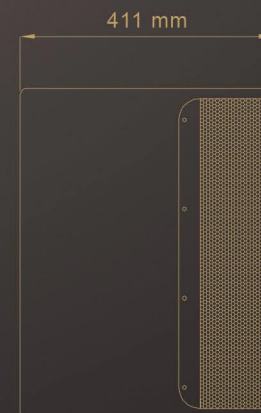
The IsoWave CX12S incorporates a 12" extremely low distortion Low-Mid driver in conjunction with a coaxially mounted 1.75" voice coil high frequency compression driver. The High frequency driver is loaded with a 90° X 60° waveguide which can be rotated horizontally or vertically depending on the application. This sophisticated waveguide also loads the 12" Low frequency driver. Together the system forms a high sensitivity, high SPL motor system with exceptional linearity and directivity control.

The system is further loaded in bass reflex enclosure made of Birch plywood with MVC technology and tuned carefully to achieve low frequency extension. The speaker can be angled horizontally or vertically from 0° to +/-45° in increments of 9° to optimally achieve coverage at the venue with the help of additional C-bracket.

The resultant frequency response is uniform and easy to equalize when required. DSP settings are provided for optimum performance.

## SPECIFICATIONS:

<b>Frequency Response:</b>	55Hz to 20kHz
<b>Power Rating:</b>	LF:500W AES, 2000W Peak HF:80W AES, 450W Peak
<b>Sensitivity:</b>	LF: 98 dB @ 1W/1m HF: 113dB @ 1W/1m
<b>Maximum SPL:</b>	125dB continuous, 131dB peak @ 1m
<b>Nominal Impedance:</b>	LF: 8Ω; HF: 16Ω
<b>Recommended Amplifier:</b>	400W to 1000W @ 8Ω
<b>Low Frequency Driver:</b>	12" (300 mm) Low-Mid driver with coaxial entry
<b>High Frequency Driver:</b>	1.75" (44 mm) voice coil compression driver mounted coaxially
<b>Recommended Filter:</b>	50Hz 18dB/octave Butterworth high pass filter; 20kHz 12dB/octave Butterworth low pass filter
<b>Crossover:</b>	1.2kHz Active or Passive
<b>Dispersion:</b>	90° x 60° rotatable
<b>Finish:</b>	Black impact resistant structured coating
<b>Connector:</b>	2 x Speakon
<b>Enclosure:</b>	16 mm Birch plywood direct radiator vented enclosure with MVC technology
<b>Grill:</b>	Perforated heavy duty metal grill with acoustically transparent black fabric
<b>Dimensions (H X W X D):</b>	536mm X 423mm X 411mm (21.1" X 16.7" X 16.2")
<b>Net Weight:</b>	29.5 kg (65 lb)
<b>Packed Weight:</b>	31 kg (68 lb)



SIDE VIEW



FRONT VIEW



TOP VIEW

sound matters



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Pulz reserves the right to make changes in specifications without prior notice.