P8ICW - LOUDSPEAKER

SOUND PROCELLA PERFECTED

Surround & Height Channels



INTRODUCTION

Based on the award-winning Procella P8 loudspeaker, the P8iCW is highly flexible and the optimal high performance in-wall/in-ceiling solution for immersive audio systems. Its tweeter and waveguide are angled at 15 degrees, giving designers the ability to place all speakers to provide optimal dispersion, whether used for a Top/Height channel, a Wide channel, or an ear-level Main or Surround channel. The key is the P8iCW's circular waveguide and square enclosure/grille shape. Each speaker can be oriented so that its high frequencies are directed towards the listeners, while its grille remains visually symmetrical with all the other speakers, whether the speaker needs to be aimed backwards, forwards, sideways, or down.

TECHNICAL SPECIFICATIONS

Impedance	8 ohms nominal Above 10 ohms working range Phase angles less than 30 degrees
Power Handling	
Continuous	250W
Peak	1,000W
Frequency Response	
-3dB	70Hz – 20kHz
Maximum SPL	
Freestanding	116dB continuous 122dB peak
In wall	122dB continuous 128dB peak
Dispersion Pattern	Constant directivity;
-6dB	80°H x 35°V from 1.5kHz
Sensitivity	
1m/1W	92dB
Crossover	4th Order Linkwitz-Riley 1.6kHz, BSC
Construction	Void free MDF internally cross braced Studio grade vinyl enclosure

Dispersion pattern	Constant directivity 90°
-6dB	symmetrical from 1.5kHz with 15° tilt
Components	
Midrange	2x 8" driver with 40mm voice coil in 35 liter sealed box
High Frequency	1.5" driver with a polyester diaphragm on elliptical constant directivity waveguide
Connectivity	Gold plated spring terminals
Included	White and Black grille
Dimensions	20.9" x 20.9" x 7"
HxWxD	530 x 530 x 179mm
Shipping Carton	23.7" x 23.7" x 15.6"
HxWxD	600 x 600 x 400 mm
Net Weight	28.5 Lbs / 12.9 Kg
Shipping Weight	37.5 Lbs / 17 Kg
Recommended Amplifier	1-ch DA03-DSP
Assembly	Belgium; 100% QC testing



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