

P8iCW - LOUDSPEAKER



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 P8iW'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	Dispersion pattern	Constant directivity 90° symmetrical from 1.5kHz with 15° tilt
Power Handling Continuous Peak	250W 1.000W	Components Midrange	2x 8" driver with 40mm voice coil in 35 litre sealed box
Frequency Response -3dB	70Hz and 20kHz	High Frequency	1.5" driver with a polyester diaphragm on elliptical constant directivity waveguide
Maximum SPL Freestanding In wall	116dB continuous 122dB peak 122dB continuous 128dB peak	Connectivity	Gold plated spring terminals
Dispersion Pattern -6dB	Constant directivity; 80°H x 35°V from 1.5kHz	Included	White and Black grille
Sensitivity 1m/1W	92dB	Dimensions HxWxD	20.9" x 20.9" x 7" 530 x 530 x 179mm
Crossover	4th Order Linkwitz-Riley 1.6kHz, BSC	Shipping Carton HxWxD	23.7" x 23.7" x 15.6" 600 x 600 x 400 mm
Construction	Void free MDF internally cross braced Studio grade vinyl enclosure	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

