



# passive loudspeaker **P8**

## LCR - Surround



### INTRODUCTION

The P8 is capable of stunning reproduction of the full dynamic range of 96K/24-bit music and film soundtracks in large rooms with extremely low distortion, studio accuracy and audiophile sound quality. This high-resolution, high-output device enables listeners to hear every element of sound, including the most subtle details, at any playback level. Its pro 1" compression driver is mounted on a Procella elliptical waveguide to provide controlled directivity, with no dynamic compression, even at very high SPL. It combines with a custom high performance 8" mid-bass driver and Procella's Identical Voices™ crossover for a precise timbre match to all other Procella speaker models.

### TECHNICAL SPECIFICATIONS

<b>Impedance</b>	8 ohms nominal Above 12 Ohm working range Phase angles less than 30 degrees
<b>Power Handling</b> Continuous Peak	250W 1,000W
<b>Frequency Response</b> - 3 dB	80Hz and 20kHz
<b>Maximum SPL</b> free standing in wall	116dB continuous 122dB peak 122dB continuous 128dB peak
<b>Dispersion pattern</b> -6dB	Constant directivity 80°H x 50°V from 1.5kHz
<b>Sensitivity</b> 1m/1W	92dB
<b>Crossover</b>	4th Order Linkwitz-Riley 1,6kHz, BSC

<b>Components</b> Midrange High Frequency	8" driver with 40mm voice coil in 15 litre sealed box 1.5" driver with a Polyester diaphragm on elliptical constant directivity wave guide
<b>Connectivity</b>	Gold plated large diameter binding posts
<b>Construction</b>	Void free MDF internally cross braced
<b>Finish</b>	Black painted finish
<b>Included</b>	Flushmount wall bracket
<b>Dimensions</b> HxWxD	16.1" x 17.7" x 7.9/5.4" (7° tilt) 410 x 450 x 200/138mm (7° tilt)
<b>Shipping Carton</b> HxWxD	15.75" x 23.6" x 12" 500 x 600 x 300 mm
<b>Net weight</b>	31,3 Lbs / 14,2 Kg
<b>Shipping weight</b>	37,3 Lbs / 16,9 Kg
<b>Assembly</b>	Sweden; 100% QC testing