

# P8 - LOUDSPEAKER

## Main, Surround & Height Channels

### 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<br>Above 10 ohms working range<br>Phase angles less than 30 degrees |
| <b>Power Handling</b><br>Continuous<br>Peak   | 2500W<br>1.000W                                                                    |
| <b>Frequency Response</b><br>-3dB             | 80Hz and 20Hz                                                                      |
| <b>Maximum SPL</b><br>Freestanding<br>In wall | 116dB continuous 122dB peak<br>122dB continuous 128dB peak                         |
| <b>Dispersion Pattern</b><br>-6dB             | Constant directivity;<br>80°H x 50°V from 1.5kHz                                   |
| <b>Sensitivity</b><br>1m/1W                   | 92dB                                                                               |
| <b>Crossover</b>                              | Asymmetrical Linkwitz-Riley<br>1.6kHz, BSC                                         |
| <b>Finish</b>                                 | Black semi-matte painted                                                           |
| <b>Construction</b>                           | Void free MDF internally cross<br>braced                                           |

|                                 |                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------|
| <b>Components</b><br>Midrange   | 8" driver with 40mm voice coil in 15<br>litre sealed box                                  |
| High Frequency                  | 1.5" driver with a polyester<br>diaphragm on elliptical constant<br>directivity waveguide |
| <b>Connectivity</b>             | Gold plated large diameter<br>binding posts                                               |
| <b>Included</b>                 | Flushmount wall bracket                                                                   |
| <b>Dimensions</b><br>HxWxD      | 16.1" x 17.7" x 7.9/5.4 (7° tilt)<br>410 x 450 x 200/138mm (7° tilt)                      |
| <b>Shipping Carton</b><br>HxWxD | 15.75" x 23.6" x 12"<br>500 x 600 x 300mm                                                 |
| <b>Net Weigth</b>               | 31.3 Lbs / 14.2 Kg                                                                        |
| <b>Shipping Weight</b>          | 37.3Lbs / 16.9 Kg                                                                         |
| <b>Assembly</b>                 | Sweden; 100% QC testing                                                                   |

