



Fullrange loudspeaker P610

LCR Bi-amplified



INTRODUCTION

Procella's most compact full-range loudspeaker system, ideal for smaller to mid-size rooms. The P610 is powerful proof of the benefits of Procella's design philosophy of full dynamic range playback of 24bit/96kHz program material. The P610 combines a bracket-mounted P6 with a P10Si low-frequency module to create a 10" three-way main speaker. With bass extension to 40 Hz, the P610 meets cinema requirements for a full-range speaker, freeing listeners from the sonic limitations of speakers using an 80Hz subwoofer crossover point.

TECHNICAL SPECIFICATIONS

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| Impedance | 8 ohms nominal (each input) |
| Power Handling Low frequency High frequency | 350W continuous, 1,000W peak 100W continuous, 300W peak |
| Frequency Response - 3 dB | 40Hz and 20kHz |
| Maximum SPL free standing in wall | 116dB continuous 122dB peak 122dB continuous 128dB peak |
| Dispersion pattern -6dB | Constant directivity 90°H x 60°V from 2.0kHz |
| Sensitivity 1m/1W | 92dB |
| Crossover | 4th Order Linkwitz-Riley 1,9kHz, BSC (internal to P6) 150Hz (external DSP required) |
| Connectivity | Gold plated large diameter binding posts (two pair) |
| External amplification is required | Procella amplifiers sold, packaged separately, see Tech Sheets for specifications |
| Recommended amplifier | 2 channels of the DA2800-DSP or 2 channels of the DA06-DSP |

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| Components Low Frequency (P10Si) | 15" long throw driver with 65mm voice coil in 18 litre sealed box |
| Midrange (P6) | 6" driver with 40mm voice coil in 9 litre sealed box |
| High Frequency (P6) | 1" driver with a Polyester diaphragm on elliptical constant directivity wave guide |
| Construction | Void free MDF internally cross braced Painted black finish |
| Included | Loudspeaker bracket, damper feet |
| Dimensions HxWxD | 27.6" x 21.2" x 5.9" 700 x 540 x 150 mm |
| Shipping Cartons (2) HxWxD (P6) | 15" x 22.8" x 9.5" 380 x 580 x 240 mm |
| HxWxD (P10Si) | 19.3" x 25.2" x 11.4" 490 x 640 x 290 mm |
| Net weight | 44.1 Lbs / 20 Kg |
| Shipping weight | 23.1 Lbs / 10.5 Kg + 29.5 Lbs / 13.4 Kg |
| Assembly | Sweden; 100% QC testing |