



# Fullrange loudspeaker P610 Mk2

## LCR Bi-amplified



### INTRODUCTION

Procella's most compact full-range loudspeaker system, ideal for smaller to mid-size rooms. The P610 Mk2 is powerful proof of the benefits of Procella's design philosophy of full dynamic range playback of 24bit/96KHz program material. The P610 Mk2 combines a bracket-mounted P6 Mk2 with a P10Si Mk2 low-frequency module to create a 10" three-way main speaker. With bass extension to 40 Hz, the P610 Mk2 meets cinema requirements for a full-range speaker, freeing listeners from the sonic limitations of speakers using an 80Hz subwoofer crossover point.

### TECHNICAL SPECIFICATIONS

<b>Impedance</b>	8 ohms nominal (each input)
<b>Power Handling</b> Low frequency High frequency	400W continuous, 1,000W peak 100W continuous, 300W peak
<b>Frequency Response</b> - 3 dB	40Hz 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 90°H x 60°V from 2.0kHz
<b>Sensitivity</b> 1m/1W	92dB
<b>Crossover</b>	4th Order Linkwitz-Riley 1,9kHz, BSC (internal to P6 Mk2) 150Hz (external DSP required)
<b>Connectivity</b>	Gold plated large diameter binding posts (two pair)
<b>External amplification is required</b>	Procella amplifiers sold, packaged separately, see Tech Sheets for specifications
<b>Recommended amplifier</b>	2 channels of the DA03-DSP

<b>Components</b> Low Frequency <b>(P10Si Mk2)</b>	10" long throw driver with 65mm voice coil in 35 litre sealed box
Midrange <b>(P6 Mk2)</b>	6" driver with 40mm voice coil in 9 litre sealed box
High Frequency <b>(P6 Mk2)</b>	1" driver with a Polyester diaphragm on elliptical constant directivity wave guide
<b>Construction</b>	Void free MDF internally cross braced Painted black finish
<b>Included</b>	Loudspeaker bracket, damper feet
<b>Dimensions</b> HxWxD	31.5" x 18.9" x 8.7" 800 x 480 x 220 mm
<b>Shipping Cartons (2)</b> HxWxD (P6 Mk2)	15.5" x 22.2" x 9.6" 395 x 565 x 245 mm
HxWxD (P10Si Mk2)	23.6" x 23.6" x 13.8" 600 x 600 x 350 mm
<b>Net weight</b>	75.1 Lbs / 34,4 Kg
<b>Shipping weight</b>	22 Lbs / 10 Kg + 59,8 Lbs / 27 Kg
<b>Assembly</b>	Sweden; 100% QC testing