

# P610Mk2 - FULL RANGE

## Main Channels

### 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 Freq Peak	400W continuous, 1.000W
High Freq Peak	100W continuous, 300W
<b>Frequency Response</b>	
-3dB	40Hz and 20Hz
<b>Maximum SPL</b>	
Free standing	116dB continuous 122dB peak
In wall	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 1.6kHz, BSC (internal to P6Mk2) 150Hz (external DSP required)
<b>External amplification is required</b>	Procella amps sold, packaged seperately, see tech sheets for specs.
<b>Recommended amplifier</b>	2 Channels of the DA03-DSP

<b>Components</b>	
Low Frequency (P10Si Mk2)	10" long throw driver with 65mm voice coil in 35 litre sealed box
Midrange (P6Mk2)	6" long throw driver with 40mm voice coil in litre sealed box
High Frequency (P6Mk2)	1" driver with a polyester dia- phragm on elliptical constant directivity waveguide
<b>Construction</b>	Void free MDF internally cross braced
<b>Included</b>	Loudspeaker bracket, damper feet
<b>Dimensions</b>	
HxWxD	15.5" x 22.2" x 9.6" 395 x 565 x 245 mm
<b>Shipping Carton (2)</b>	
HxWxD (P6 Mk2)	15.5" x 22.2" x 9.6" 395 x 565 x 245 mm
<b>HxWxD (P10Si Mk2)</b>	23.6" x 23.6" x 13.8" 600 x 600 x 350 mm
<b>Net Weigth</b>	75.1 Lbs / 34,4 Kg
<b>Shipping Weight</b>	22 Lbs / 10 Kg + 59,8 Lbs / 27 Kg

