

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

Impedance	8 ohms nominal (each input)
Power Handling	
Low Freq Peak	400W continuous, 1.000W
High Freq Peak	100W continuous, 300W
Frequency Response	
-3dB	40Hz and 20kHz
Maximum SPL	
Free standing	116dB continuous 122dB peak
In wall	122dB continuous 128dB peak
Dispersion Pattern	
-6dB	Constant directivity; 90°H x 60°V from 2.0kHz
Sensitivity	
1W/1m	92dB
Crossover	4th Order Linkwitz-Riley 1.6kHz, BSC (internal to P6Mk2) 150Hz (external DSP required)
External amplification is required	Procella amps sold, packaged separately, see tech sheets for specs.
Recommended amplifier	2-ch DA03-DSP

Components	
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 9 litre sealed box
High Frequency (P6Mk2)	1" driver with a polyester diaphragm on elliptical constant directivity waveguide
Construction	Void free MDF internally cross braced
Included	Loudspeaker bracket, damper feet
Dimensions	
WxHxD	15.5" x 22.2" x 9.6" 395 x 565 x 245 mm
Shipping Carton (2)	
WxHxD (P6 Mk2)	15.5" x 22.2" x 9.6" 395 x 565 x 245 mm
WxHxD (P10Si Mk2)	23.6" x 23.6" x 13.8" 600 x 600 x 350 mm
Net Weight	75.1 Lbs / 34,4 Kg
Shipping Weight	22 Lbs / 10 Kg + 59,8 Lbs / 27 Kg

