



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

Impedance	8 ohms nominal (each input)
Power Handling Low frequency High frequency	400W 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 Mk2) 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 DA03-DSP

Components Low Frequency (P10Si Mk2)	10" long throw driver with 65mm voice coil in 35 litre sealed box
Midrange (P6 Mk2)	6" driver with 40mm voice coil in 9 litre sealed box
High Frequency (P6 Mk2)	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	31.5" x 18.9" x 8.7" 800 x 480 x 220 mm
Shipping Cartons (2) 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
Net weight	75.1 Lbs / 34,4 Kg
Shipping weight	22 Lbs / 10 Kg + 59,8 Lbs / 27 Kg
Assembly	Sweden; 100% QC testing