



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

Impedance	8 ohms nominal (each input)	Components	
Power Handling		Low Frequency (P10Si)	10" long throw driver with 65mm voice coil in 18 litre sealed box
Low frequency	350W continuous, 1,000W peak	Midrange (P6)	6" driver with 40mm voice coil in 9 litre sealed box
High frequency	100W continuous, 300W peak	High Frequency (P6)	1" driver with a Polyester diaphragm on elliptical constant directivity wave guide
Frequency Response		Construction	Void free MDF internally cross braced Painted black finish
-3 dB	40Hz and 20kHz	Included	Loudspeaker bracket, damper feet
Maximum SPL		Dimensions	
free standing	116dB continuous 122dB peak	HxWxD	27.6" x 21.2" x 5.9"
in wall	122dB continuous 128dB peak		700 x 540 x 150 mm
Dispersion pattern		Shipping Cartons (2)	
-6dB	Constant directivity 90°H x 60°V from 2.0kHz	HxWxD (P6)	15" x 22.8" x 9.5"
Sensitivity			380 x 580 x 240 mm
1m/1W	92dB	HxWxD (P10Si)	19.3" x 25.2" x 11.4"
Crossover			490 x 640 x 290 mm
	4th Order Linkwitz-Riley 1,9kHz, BSC (internal to P6) 150Hz (external DSP required)	Net weight	44.1 Lbs / 20 Kg
Connectivity		Shipping weight	23.1 Lbs / 10.5 Kg + 29,5 Lbs / 13,4 Kg
	Gold plated large diameter binding posts (two pair)	Assembly	Sweden; 100% QC testing
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		