P628 - LOUDSPEAKER

SOUND PROCELLA PERFECTED

Above Screen LCR





INTRODUCTION

Procella's Above Screen full-range loudspeaker is especially designed for cinemas where placement behind an acoustically transparent screen is not possible. For high-performance home theatres and screening rooms incorporating a Video Wall micro-LED display or a solid projection screen, the P628 is the LCR speaker of choice. The P628 is a 2x 8" three-way main speaker. With bass extension to 40 Hz, the P628 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, 1,200W
High Freq Peak	100W continuous, 300W
Frequency Response	
-3dB	40Hz – 20kHz
Maximum SPL	
On wall	116dB continuous 122dB peak
Dispersion Pattern	Constant directivity;
-6dB	90°H x 60°V from 2.0kHz
Sensitivity	
1W/1m	93dB
Crossover	Asymmetrical Linkwitz-Riley 2.0kHz, BSC (internal to P6) 150Hz (external DSP required)
Recommended amplifier	2-ch DA03-DSP

Components	
Low Frequency	2x 8" long throw driver with 40mm voice coil
Midrange	6.5" driver with 40mm voice coil
High Frequency	1" neodymium driver with a polyester diaphragm on elliptical constant directivity waveguide
Construction	Void free MDF internally cross braced
Mounting	M10 bolts on sidepanels
Dimensions	28.7" x 11.8" x 9.8/6.9"
WxHxD	730 x 300 x 250/170mm
Shipping Carton	31.5" x 15.7" x 11.8"
WxHxD	800 x 400 x 300mm
Net Weight	55.12 Lbs / 25 Kg
Shipping Weight	59.52 Lbs / 27 Kg
Assembly	Belgium; 100% QC testing

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