

P628 - LOUDSPEAKER



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)	Components	Low Frequency 2x 8" long throw driver with 40mm voice coil
Power Handling		Midrange	6.5" driver with 40mm voice coil
Low Freq Peak	400W continuous, 1,200W	High Frequency	1" neodymium driver with a polyester diaphragm on elliptical constant directivity waveguide
High Freq Peak	100W continuous, 300W	Construction	Void free MDF internally cross braced
Frequency Response		Mounting	M10 bolts on sidepanels
-3dB	40Hz and 20Hz	Dimensions	28.7" x 11.8" x 6.9" 730 x 300 x 250/170mm
Maximum SPL		Shipping Carton	31.5" x 15.7" x 11.8" 800 x 400 x 300mm
On wall	116dB continuous 122dB peak	Net Weight	55.12 Lbs / 25 Kg
Dispersion Pattern		Shipping Weight	59.52 Lbs / 27 Kg
-6dB	Constant directivity; 90°H x 60°V from 2.0kHz	Assembly	Belgium; 100% QC testing
Sensitivity			
1m/1W	93dB		
Crossover			
	Asymmetrical Linkwitz-Riley 2.0kHz, BSC (internal to P6) 150Hz (external DSP required)		
Recommended amplifier	2-ch DA03-DSP		

