



Above Screen loudspeaker P628

LCR full-range



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 frequency High frequency	400W continuous, 1,200W peak 100W continuous, 300W peak
Frequency Response -3 dB	40Hz and 20kHz
Maximum SPL on wall	116dB continuous 122dB peak
Dispersion pattern -6dB	Constant directivity 90°H x 60°V from 2.0kHz
Sensitivity 1m/1W	93dB
Crossover	Asymmetrical Linkwitz-Riley 2,0kHz, BSC (internal to P6) 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	Please see Procella recommended amplifier sheet

Components Low Frequency	2x 8" long throw driver with 50mm voice coil
Midrange	6.5" driver with 40mm voice coil
High Frequency	1" neodymium driver with a Polyester diaphragm on elliptical constant directivity wave guide
Construction	Void free MDF internally cross braced Painted black finish
Mounting	M10 bolts on sidepanels
Dimensions HxWxD	28.7" x 11.8" x 9.8 / 6.9" 730 x 300 x 250 / 170 mm
Shipping Carton HxWxD	31.5" x 15.7" x 11.8" 800 x 400 x 300 mm
Net weight	55.12 Lbs / 25 Kg
Shipping weight	59.52 Lbs / 27 Kg
Assembly	Sweden; 100% QC testing