



# 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

<b>Impedance</b>	8 ohms nominal (each input)
<b>Power Handling</b> Low frequency High frequency	400W continuous, 1,200W peak 100W continuous, 300W peak
<b>Frequency Response</b> -3 dB	40Hz and 20kHz
<b>Maximum SPL</b> on wall	116dB continuous 122dB peak
<b>Dispersion pattern</b> -6dB	Constant directivity 90°H x 60°V from 2.0kHz
<b>Sensitivity</b> 1m/1W	93dB
<b>Crossover</b>	Asymmetrical Linkwitz-Riley 2,0kHz, BSC (internal to P6) 150Hz (external DSP required)
<b>Connectivity</b>	Gold plated large diameter binding posts (two pair)
<b>External amplification is required</b>	Procella amplifiers sold, packaged separately, see Tech Sheets for specifications
<b>Recommended amplifier</b>	Please see Procella recommended amplifier sheet

<b>Components</b> 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
<b>Construction</b>	Void free MDF internally cross braced Painted black finish
<b>Mounting</b>	M10 bolts on sidepanels
<b>Dimensions</b> HxWxD	28.7" x 11.8" x 9.8 / 6.9" 730 x 300 x 250 / 170 mm
<b>Shipping Carton</b> HxWxD	31.5" x 15.7" x 11.8" 800 x 400 x 300 mm
<b>Net weight</b>	55.12 Lbs / 25 Kg
<b>Shipping weight</b>	59.52 Lbs / 27 Kg
<b>Assembly</b>	Sweden; 100% QC testing