C124 - LOUDSPEAKER

SOUND PROCELLA PERFECTED

Above Screen LCR

INTRODUCTION

The C124 is a quad-amplified loudspeaker for above screen mounting in medium to large size cinemas. The C124 is a Full-Range loudspeaker which has a proven track record to be the solution when fixed screens are being used in cinemas to get the best picture possible together with the best immersive audio experience.





TECHNICAL SPECIFICATIONS

Impedance		
	Low Frequency	2 inputs, each 4 ohms nominal
	High Frequency	2 inputs, each 8 ohms nominal
Power Handling		
	Low Frequency	2x 1,000W Continuous, 2 x 2,000 Peak
	Mid Frequency	250W Continuous, 500 Peak
	High Frequency	150W Continuous, 300 Peak
Frequency Response		
	-3dB	45Hz – 16kHz
Maximum SPL		
	Baffle Wall	135dB continuous 141dB peak
Dispersion Pattern		
	-6dB	Constant directivity 80° horizontal x 40° vertical below axis; 80° horizontal x 10° vertical above axis
Sensitivity		
	1W/1m	102dB LF, 108dB MF, 108dB HF
Construction		Void free MDF internally cross braced painted black matte finish

Components		
	Low Frequency	4 x 12” Neodymium high output driver with 3” voice coil in V-loaded sealed box
	Midrange	8” Neodymium driver on elliptical constant directivity waveguide
	High Frequency	1” driver with 2” voice coil and Polymer diaphragm on elliptical constant directivity waveguide
Connectivity		2x 4 pole SPEAKON
Amplifier		4ch of Procella DA08-DSP with C124 pre-set recommended
Dimensions		
	WxHxD	390 x 1186 x 520/603 mm (12° tilt) 15.4” x 46.7” x 20.5”/23.7” (12° tilt)
Net Weight		75 Kg / 165.4 Lbs
Assembly		Belgium; 100% QC testing

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