C102 - LOUDSPEAKER

SOUND PROCELLA PERFECTED

Above Screen LCR





INTRODUCTION

The C102 is a three-way bi-amplified loudspeaker for above screen mounting in small to medium size cinemas. The C102 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	4 ohms nominal
	High Frequency	8 ohms nominal
Power Handling		
	Low Frequency	900W Continuous, 1,800 Peak
	High Frequency	350W Continuous, 700 Peak
Frequency Response		
	-3dB	45Hz – 16kHz
Maximum SPL		
	Freestanding	127dB continuous 133dB peak
Dispersion Pattern		
	-6dB	Constant directivity 90° horizontal x 30° vertical below axis, 90° horizontal x 10° vertical above axis
Sensitivity		
	1W/1m	101dB
Passive Crossover		4th Order Linkwitz-Riley @ 1.6kHz
Construction		Void free MDF internally cross braced painted black matte finish

Components		
	Low Frequency	2 x 10” high output drivers with 3” voice coil in V-loaded sealed box
	Midrange	6.5” Neodymium driver with 2” voice coil
	High Frequency	1” driver with 2” voice coil and Polymer diaphragm on elliptical constant directivity waveguide
Connectivity		4 pole SPEAKON
Amplifier		2ch of Procella DA08-DSP with C102 pre-set recommended
Dimensions		
	WxHxD	315 x 780 x 320/435 mm (20° tilt)
Net Weight		32 Kg
Assembly		Belgium; 100% QC testing

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