C212 - LOUDSPEAKER

SOUND PROCELLA PERFECTED

Screen Channels

INTRODUCTION

The Procella C212 is a two-way, biamplified screen channel loudspeaker for cinema rooms shorter than 22 m: post production stages, small to medium commercial rooms, art house and museum cinemas, VIP and preview rooms. Two high power 12" low frequency drivers work with a 1" high frequency compression driver on a Procella constant directivity waveguide. Dispersion above 1.5 kHz is uniform in an asymmetric 90 x 40 degree pattern, and with the 5° downward angle on the high frequency section it covers the whole seating area evenly. The very shallow 280 mm enclosure installs easily behind any screen. Designed, assembled and 100% QC tested in Europe, with Italian driver components throughout.



TECHNICAL SPECIFICATIONS

Impedance		
	LF	4 ohms
	HF	16 ohms
Power Handling		
	Continuous	900W
	Peak	1,800W
Sensitivity		
	1m/1W	101dB
Maximum SPL		
	Free standing	131dB continuous / 137dB peak
Frequency Response		
	-3dB	40Hz – 16kHz
Dispersion Pattern		Constant directivity;
	-6dB	90° horizontal x 15° vertical above axis 90° horizontal x 25° vertical below axis
Crossover		4th Order Linkwitz-Riley 1.9 kHz

Components		
	Low Frequency	2 x 12" Neodymium high output drivers with 3" voice coil in sealed enclosure
	High Frequency	1" driver with 2" voice coil and Polymer diaphragm on elliptical constant directivity waveguide
Connectivity		4 pole SPEAKON
Construction		Void free MDF internally cross braced, painted black matte finish
Dimensions		
	WxHxD	1150 x 760 x 280 mm
Recommended Amplifier		2ch with DSP required Sold separately
Assembly		Belgium; 100% QC testing

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