

C102 - LOUDSPEAKER

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 and 16Hz
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Maximum SPL

Freestanding	127dB continuous 133dB peak
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Dispersion Pattern

-6dB	Constant directivity 90° horizontal x 30° vertical below axis, 90° horizontal x 10° vertical above axis
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Sensitivity

1m/1W	101dB
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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
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Midrange	6.5" Neodymium driver with 2" voice coil
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High Frequency	1" driver with 2" voice coil and Polymer diaphragm on elliptical constant directivity waveguide
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Connectivity

4 pole SPEAKON

Amplifier

2ch of Procella DA08-DSP with C102 pre-set recommended

Dimensions

HxWxD	315 x 780 x 320/435 mm (20° tilt)
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Net Weight

32 Kg

Assembly

Belgium; 100% QC testing

SOUND

PROCELLA®

PERFECTED

