

# 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

1W/1m	101dB
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#### Passive Crossover

4th Order Linkwitz-Riley @ 1.6kHz
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#### Construction

Void free MDF internally cross braced painted black matte finish
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#### 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
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#### Amplifier

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

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

32 Kg
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#### Assembly

Belgium; 100% QC testing
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