



cinema C102

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

| | | | |
|---------------------------|--|--------------------------|---|
| Room Size | < 1500 seats | Components | |
| Room length | < 22m | Low Frequency | 2 x 10" high output drivers with 3" voice coil in V-loaded sealed box |
| Impedance | | Midrange | 6.5" Neodymium driver with 2" voice coil |
| Low Frequency | 4 ohms nominal | High Frequency | 1" driver with 2" voice coil and Polymer diaphragm on elliptical constant directivity waveguide |
| High Frequency | 8 ohms nominal | Passive Crossover | 4th Order Linkwitz-Riley @1.6 KHz |
| Power Handling | Continuous | Peak | Connectivity |
| Low Frequency | 900W | 1,800W | 4 pole SPEAKON |
| High Frequency | 350W | 700W | Amplifier |
| Frequency Response | | | 2ch of Procella DA08-DSP with C102 pre-set recommended |
| - 3 dB | 45Hz and 16kHz | Construction | Void free MDF internally cross braced Painted black matte finish |
| Maximum SPL | | Dimensions | |
| free standing | 131dB continuous, 137dB peak | HxWxD | 315 x 780 x 320/435 mm (20° tilt) |
| Dispersion pattern | | Net weight | 32 Kg |
| -6dB | Constant directivity 90° horizontal x 30° vertical below axis 90° horizontal x 10° vertical above axis | Assembly | Sweden; 100% QC testing |
| Sensitivity | | | |
| 1m/1W | 101dB | | |