



### 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

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