

# SUR-83

## Cinema surround speaker

Whatever design you have in mind, MAG Cinema will surely surprise you. Starting with small and professional home cinemas and up to large-scale indoor and outdoor theaters, our surround speakers come in many shapes, sizes, and performance capabilities.

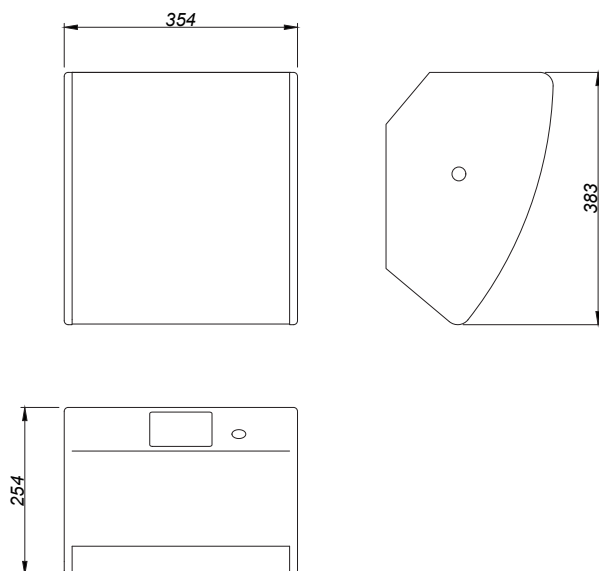
Based on our own carefully designed and fine-tuned components, our surround systems provide smooth operation and optimal coverage, and are approved to be used with latest 3D sound cinema standards.

With comprehensive range of installation accessories, including fittings and brackets, MAG Cinema screen speakers are easily mounted for quick overall installation times. Provided 7-year warranty, it is a kind of equipment you can rely on for years.

SUR-83 is a compact coaxial surround speaker with multiple installation options. Flying brackets allow for even more versatility of positioning the speaker in the theater.



### DIMENSIONS



### SPECIFICATIONS

Frequency response (-6/+3)	80 - 18000 Hz
Max continuous SPL <sup>2</sup>	118,5 dB
Sensitivity (1W/1m half-space) <sup>1</sup>	97 dB
Sensitivity (1W/1m free-space) <sup>1</sup>	94 dB
Drivers	8" Coaxial
Nominal coverage	90° x 90°
Front panel tilt angle	15° (from vertical plane)
Nominal impedance	4 Ohm (SUR-83-4) 8 Ohm (SUR-83-8) 16 Ohm (SUR-83-16)
Rated power <sup>3</sup>	300 W
Connectors	Phoenix
Dimension (WxHxD)	354x383x254 mm
Net weight	9,5 kg
Gross weight	10,5 kg
Mounting	2x M10 mounting points 1x M10 safety point 4x M5 VESA 100x100
Enclosure materials	Plywood, MDF, wear-resistant paint
Colour	Black

<sup>1</sup> - dB SPL, IEC 60268-5 pink noise, 1W / 1m, half- and free- space  
<sup>2</sup> - dB SPL RMS, IEC 60268-5 pink noise, measured on nominal power  
<sup>3</sup> - 2 hour power test, IEC filtered noise, 6 dB crest factor

### SAFETY INSTRUCTIONS

- Do not pour liquids on speaker system - this may cause driver cone destruction and unappealing speaker appearance. Do not allow direct sunlight on speaker cone - this will reduce its resource dramatically. For fire safety do not install speaker system near open flames or heating elements.
- Do not use speaker system with damaged speakON or speaker cable - this is an electric shock hazard and fire hazard.
- Make sure the speaker system is firmly set up on ceiling, stage, or wall (where applicable).
- While setting speaker system up on slope or slippery surface, make necessary arrangements to avoid its movement due to its vibration.
- The speaker system is capable of delivering a significant sound pressure levels. To avoid permanent or temporary hearing damage, prolonged exposure to sound pressure levels exceeding 90 dB should be limited.

### CONNECTIONS

Use Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in input signal.

Do not exceed input powers, abovementioned in specifications, while exploiting the speaker system.

Speaker system comes with barrier strip screw terminal for connection to amplifier.

Connection:	
Signal +	+ Terminal
Signal -	- Terminal
High pass filter:	80 Hz BW24
Recommended amplifier power	300 - 600 W on nominal impedance