

SCR-25M

Cinema screen speaker



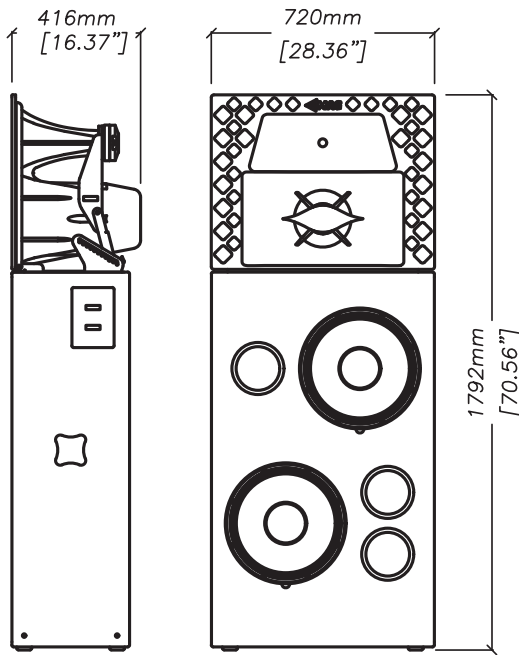
Whatever design you have in mind, MAG Cinema will surely surprise you. Starting with small and professional home cinemas and up to large-scale indoor and outdoor theaters, our surround speakers come in many shapes, sizes, and performance capabilities.

Three-way systems feature increased volume low frequency section for extended cinema bass reproduction are based on our own high quality components, designed specifically for demanding modern cinema requirements.

SCR-25M is a great choice for mid-sized halls with mighty dual 15" LF section and MF-HF section tilt/pan function for perfect sound axis positioning. Carefully fine-tuned component design allowed to boost the performance while lowering the necessary power consumption and reducing overall project costs.



DIMENSIONS



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 Phoenix socket for connection to amplifier. See connection plate for details on bi-amp and tri-amp connection.

SAFETY INSTRUCTIONS

1. 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.

2. Do not use speaker system with damaged connectors or speaker cable - this is an electric shock hazard and fire hazard.

3. Make sure the speaker system is firmly set up on ceiling, stage, or wall (where applicable).

4. While setting speaker system up on slope or slippery surface, make necessary arrangements to avoid its movement due to its vibration.

5. 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.

SPECIFICATIONS

Frequency response (-6/+3)	40 - 20000 Hz
Max continuous SPL ²	129,5 dB
Sensitivity (1W/1m half-space) ¹	102 dB LF 105 dB MHF biamp 105 dB MF / 111 dB HF triamp
Drivers	2x 15" + 8" + 1"
Coverage Horizontal ³	70°-90° variable
Coverage Vertical ³	40°
MHF section vertical tilt angle	-4° (up) - +16° (down)
MHF section horizontal pan angle	-25° - +25°
Nominal impedance	4 Ohm LF 8 Ohm MHF biamp 8 Ohm MF / 8 Ohm HF triamp
Rated power ⁴	550 W LF 300 W MHF biamp 250 W MF / 70 W HF triamp
Connectors	Phoenix
Recommended amplifier power	550 - 1100 W LF 300 - 600 W MHF biamp 250 - 500 W MF triamp 70 - 140 W HF triamp
Recommended high pass filter	LF 40 Hz BW24
Recommended crossover bi-amp	LF-MHF 300Hz LR24
Recommended crossover tri-amp	LF-MF 300Hz LR24 MF-HF 1000Hz LR24
Dimension (WxHxD)	720x1792x416 mm / 28,36"x70,55"x16,37"
Net weight	83,4 kg / 183,9 lbs
Gross weight	87,4 kg / 192,7 lbs
Mounting	4xM5 floor mounting
Enclosure materials	Plywood, MDF, wear-resistant paint
Colour	Black

¹ - dB SPL, IEC 60268-5 pink noise, 1W / 1m

² - dB SPL RMS, IEC 60268-5 pink noise, measured on nominal power

³ - The HF horn has a wider dispersion in the near-field and narrower in the far field. HF horn has a 40° vertical coverage and a radiation axis aiming along the horizontal plane. At 20° up from horizontal plane speaker has a horizontal coverage of 70°. At 20° down from horizontal plane speaker has a horizontal coverage of 90°

⁴ - 2 hour power test, IEC filtered noise, 6 dB crest factor