

SCR-42-IP

Outdoor cinema
screen speaker



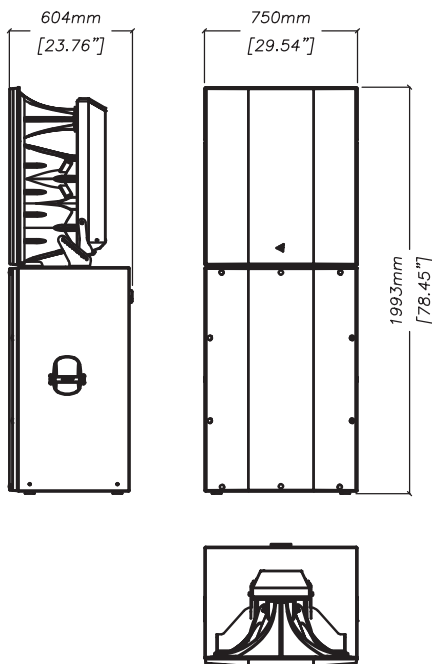
MAG Cinema's world famous professional cinema quality is made available for outdoor cinema applications! The new line of IP54 speakers for large open-air cinemas is protected from rain, moisture, dust, and unauthorized access.

Time-proven driver designs have improved weather protection. Every speaker is powered using the professional Speakon connectors allowing for convenient and fast system assembly.

SCR-42-IP is a powerful open-air cinema screen speaker. It is loaded with 4x12" + 2x8" + 1,5" weather-protected drivers, covered with rigid frontal grills. Driver's backs are also shielded from elements and unauthorized access, while the Speakon connector offers a simple connection.



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 correct 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 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 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)	38 - 18000 Hz
Max continuous SPL ²	134 dB
Sensitivity (1W/1m half-space) ¹	104 dB LF 108 dB MHF biamp 108 dB MF / 110 dB HF triamp
Drivers	4x 12" + 2x 8" + 1,5"
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 4 Ohm MHF biamp 4 Ohm MF / 8 Ohm HF triamp
Rated power ⁴	1000 W LF 400 W MHF biamp 300 W MF / 100 W HF triamp
Connectors	Phoenix
Recommended amplifier power	1000 - 2000 W LF 400 - 800 W MHF biamp 300 - 600 W MF triamp 100 - 200 W HF triamp
Recommended high pass filter	LF 35 Hz BW24
Recommended crossover bi-amp	LF-MHF 189Hz BW12
Recommended crossover tri-amp	LF-MF 189Hz BW12 MF-HF 817Hz BW18
Dimension (WxHxD)	750x1993x550 mm / 29,54"x78,47"x21,65"
Net weight	124,2 kg / 274 lbs
Gross weight	127,2 kg / 280 lbs
Mounting	4x M5 floor mounting
Weather protection	IP54
Enclosure materials	Plywood, BMC, steel, wear-resistant paint
Colour	Black

¹ - dBSPL, IEC 60268-5 pink noise, 1W / 1m

² - dBSPL 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. It has a 40° vertical coverage and a radiation axis aiming along the horizontal plane. At 20° up from axis speaker has a horizontal coverage of 70°. At 20° down from axis speaker has a horizontal coverage of 90°

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

