

SUB-DH-IP

Outdoor cinema subwoofer



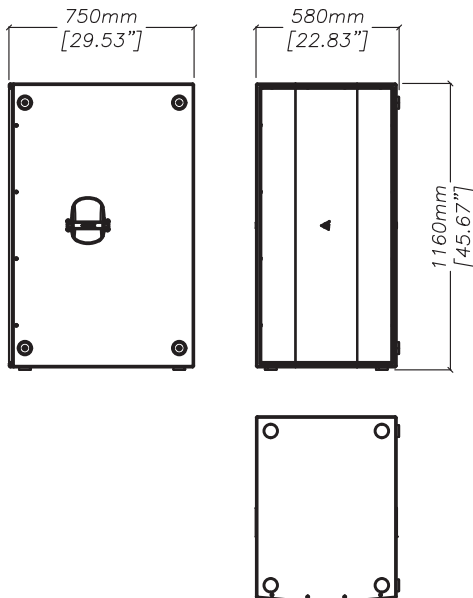
MAG Cinema's world famous professional cinema quality is made available for outdoor cinema applications! The new line of IP54 speakers for large open-air cinemas is protected from rain, moisture, dust, and unauthorized access.

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

A dual 18" outdoor subwoofer, SUB-DH-IP is a powerful addition to your open-air cinema. It is equipped with long-excursion weather-protected drivers capable of up to 133,8 dB SPL from a single cabinet. The enclosure comes with convenient handles and easy-to-use Speakon connectors.



DIMENSIONS



SPECIFICATIONS

Frequency range (± 3 dB)	32 – 140 Hz
Frequency range (± 10 dB)	30 – 280 Hz
Max continuous SPL ²	133,8 dB
Sensitivity (1W/1m half-space) ¹	100 dB
Drivers	2 x 18", 4" VC
Nominal impedance	4 + 4 Ohm (SUB-DH-IP-44) 8 + 8 Ohm (SUB-DH-IP-88)
Rated power ³	2400 W (1200 + 1200 W)
Connectors	Phoenix
Dimension (W x H x D)	580 x 1160 x 750 mm / 22,8" x 45,7" x 29,5"
Net weight	80 kg / 176 lbs
Gross weight	83 kg / 183 lbs
Weather protection	IP54
Enclosure materials	Plywood, wear-resistant paint
Colour	Black
¹ - dB SPL, IEC 60268-5 pink noise, 1W / 1m, half-space	
² - dB SPL RMS, IEC 60268-5 pink noise, measured on nominal power	
³ - 2 hour power test, IEC filtered noise, 6 dB crest factor	

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 connectors for connection to amplifier.

Connection:	
Signal +	+ Terminal
Signal -	- Terminal
High pass filter	25 Hz BW24
Recommended amplifier power	600 - 1200 W on nominal impedance (each driver)

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.

