

SUB-228

Cinema subwoofer

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.

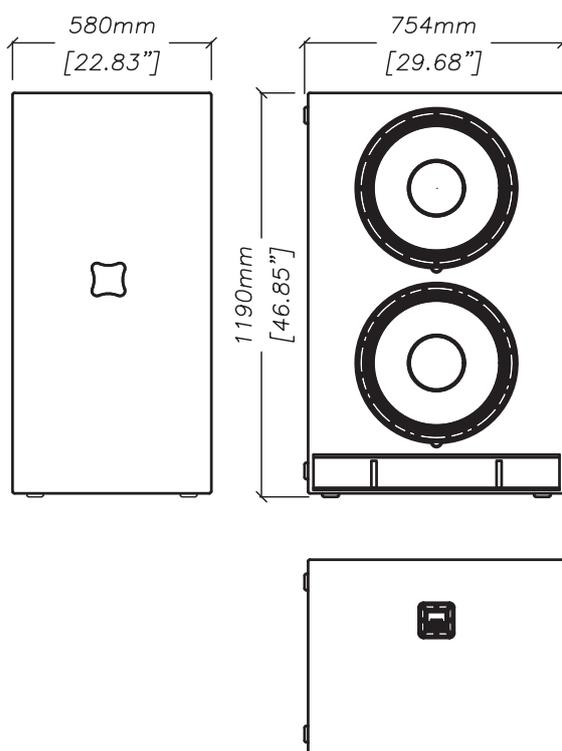
Based on our own carefully designed and fine-tuned components, our surround systems provide smooth operation and optimal coverage, and are approved to be used with latest 3D sound cinema standards.

With comprehensive range of installation accessories, including fittings and brackets, MAG Cinema 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.

The dual 18" high efficiency subwoofer, SUB-228 allows to cover wide range of hall sizes. Long excursion optimized drivers offer great sensitivity, and provide best SPL/power handling ratio in it's class.



DIMENSIONS



SPECIFICATIONS

Frequency range (-10dB)	25 - 500 Hz
Frequency response (±3dB)	31 - 150 Hz
Max continous SPL ²	133 dB
Sensitivity (1W/1m half-space) ¹	101 dB
Drivers	2x 18"
Nominal impedance	4 Ohm + 4 Ohm (SUB-228-44) 8 Ohm + 8 Ohm (SUB-228-88)
Continuos program power	3200 W
Rated power ³	1600 W total (LF1 - 800 W, LF2 - 800 W)
Connectors	Phoenix
Dimension (WxHxD)	754x580x1190 mm / 29,68"x22,83"x46,85"
Net weight	90 kg / 198,4 lbs
Gross weight	95 kg / 209,4 lbs
Enclosure materials	Plywood, MDF, 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 - 2 hour power test, IEC filtered noise, 6 dB crest factor	

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 speakON 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.

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 LF 1	LF 1 + - terminals
Signal LF 2	LF 2 + - terminals
High pass filter:	31 Hz BW24
Recommended amplifier power	800 - 1600 W (each driver) on nominal impedance