

SUB-428H

High-power
subwoofer



Whatever design you envision, MAG Cinema will exceed your expectations. From small professional home cinemas to large indoor and outdoor theaters, our surround speakers come in various shapes, sizes, and performance levels.

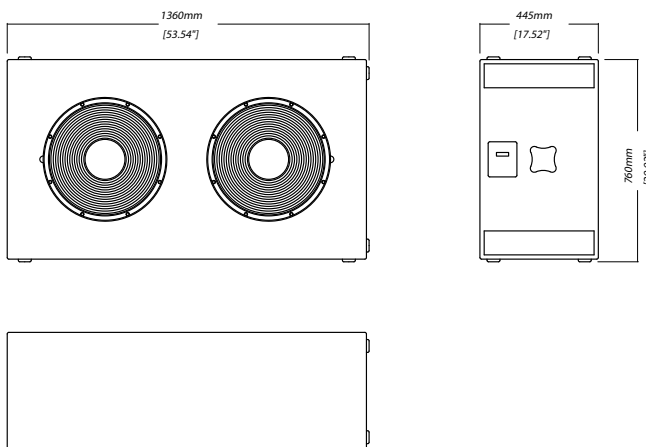
With extensive pro-audio experience, we've crafted subwoofers capable of handling the most demanding cinema soundtracks. Our proprietary low-frequency transducers and enclosures are perfectly aligned with the global cinema experience, a field where MAG Cinema has made its mark.

Our solutions include large-scale subwoofers for big theaters, main subwoofer channels, compact solutions for smaller cinemas, and wall-mountable subwoofers for modern 3D sound standards, all backed by a 7-year MAG Cinema warranty.

The high-power dual 18" SUB-428H subwoofer is designed to accommodate a wide range of hall sizes. Its long-excursion optimized drivers provide exceptional sensitivity, and with robust power handling, the SUB-428H stands out as one of the most versatile subwoofers in its class.



DIMENSIONS



SPECIFICATIONS

Frequency response (± 3 dB)	31 - 150 Hz
Max continuous SPL ²	133 dB
Sensitivity (1W/1m half-space) ¹	100 dB
Drivers	2 x 18"
Nominal impedance	4 Ohm + 4 Ohm (SUB-428H-44) 8 Ohm + 8 Ohm (SUB-428H-88)
Rated power ³	LF1 - 1000 W LF2 - 1000 W
Connectors	Phoenix
Dimension (W x H x D)	1350 x 760 x 445 mm / 53,54" x 29,92" x 17,52"
Net weight	92 kg / 202,8 lbs
Gross weight	95 kg / 209,4 lbs
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 - 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 connector 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 a Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in the input signal.

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

The speaker system comes with phoenix terminals for connection to the amplifier.

Connection:	
Signal +	+ Terminal
Signal -	- Terminal
High pass filter:	31 Hz BW24
Recommended amplifier power	1000 - 2000 W (each driver) on nominal impedance

