CINEMA SPEAKERS

ERA 5

Coverage-shaping screen system

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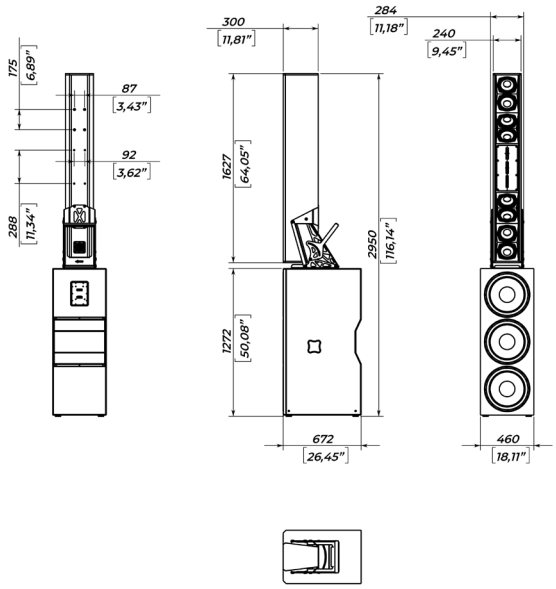
In this screen speaker middle frequency range are handled by eight 6" inch drivers assembled using the Spread Array technology. Specially designed uneven spacing between speakers widdens the frontal lobe of vertical coverage, making the frequency response more predictable and easier to handle.

The mid-high frequency section in ERA 5 is meticulously crafted to precisely shape the sound coverage, directing it precisely to the seating areas while minimizing losses and reflections from ceilings and walls using Coverage Control HF technology and Spread Array MF technology.

Screen line array inherited its HF radiator from the line array technology, providing narrower and more focused vertical coverage. Additionally ERA 5 uses adaptable horizontal coverage to deliver the high-frequencies in a much more intelligent way: wider coverage on the bottom reaches more front row seats then ordinary horns, while narrow coverage on the bottom focuses the sound for unaffected performance at rear seats.

The groundbreaking passive cardioid LF section in ERA 5 sets a new standard by effectively controlling low-frequency sound, ensuring greater consistency within the cinema hall while eliminating unwanted sound bleed into adjacent rooms. With MAG Cinema's innovative solution, neighbor complaints become a thing of the past.

DIMENSIONS



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 dB)	40 – 18000 Hz
Max continous SPL [2]	134 dB
Sensitivity (1W/1m half-space) [1]	99,5 dB 99,5 dB LF 102 dB MHF biamp 102 dB MF 116,5 dB HF triamp
HF driver	3x 1,5" drivers, 3" VC, nitride-titanium dome, mounted on the Coverage Control waveguide
MF driver	8x 6" midrange, 1,75" VC
LF/MF driver	3x 15" woofer, 4" VC
Nominal coverage angle	+5° -20° vertical variable 70° - 100° horizontal
Nominal impedance	4 Ohm LF 4 Ohm MHF biamp 4 Ohm MF / 5,3 Ohm HF triamp
Rated power	3000 W LF 1900 W MHF biamp 1600 W MF triamp 300 W HF triamp
Connectors	Phoenix
Recommended amplifier power	3000 - 6000 W LF 1900 - 3800 W MHF biamp 1600 - 3200 W MF triamp 300 - 600 W HF triamp
Dimension (W x H x D)	460 x 2950 x 672 mm / 18,11" x 116,14" x 26,45"
Net weight TOP	43 kg / 94,8 lbs
Gross weight TOP	44,3 kg / 97,7 lbs
Net weight SUB	89 kg / 196 lbs
Gross weight SUB	91 kg / 201 lbs
Mounting TOP	4x M10 mounting points, VESA 87x175 2x M10 safety points
Enclosure materials	Plywood, MDF, wear-resistant paint

[1] - dBSPL, IEC 60268-5 pink noise, 1W / 1m
[2] - dBSPL RMS, IEC 60268-5 pink noise, measured on nominal power

DATASHEET