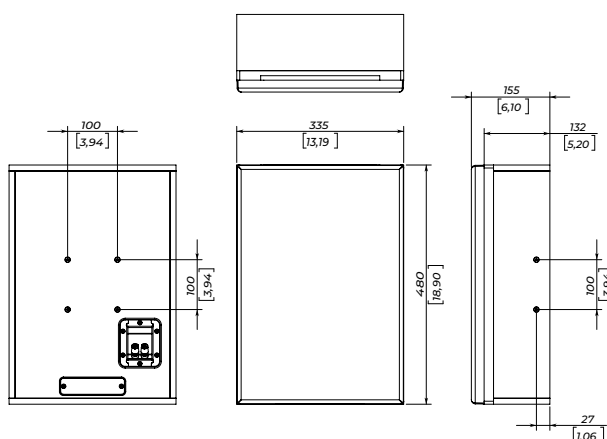


AVALON-SUR

SCREEN SPEAKER

The AVALON SUR is a high-performance surround sound loudspeaker engineered to complement the AVALON series by providing enhanced spatial imaging and sonic immersion. This 250W system utilizes a premium AMT for crystal-clear highs and a detailed midrange driven by four 2-inch transducers. A heavy-duty 8" woofer handles the low-mid frequencies, ensuring a full-range, uncompromising audio experience. The AVALON SUR is the ideal solution for users seeking to maximize the acoustic potential and spatial reach of their AVALON system.



SAFETY INSTRUCTIONS

1. Do not pour liquids on the speaker system - this may cause driver cone destruction and an unappealing speaker appearance. Do not allow direct sunlight on the speaker cone - this will reduce its resource dramatically. For fire safety do not install the speaker system near open flames or heating elements.
2. Do not use the speaker system with the 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 the ceiling, stage, or wall (where applicable).
4. While setting the speaker system up on a slope or slippery surface, make necessary arrangements to avoid its movement due to its vibration.
5. This loudspeaker system is capable of delivering a significant sound pressure level. To avoid permanent or temporary hearing damage or loss, prolonged exposure to sound pressure levels exceeding values over 90 dB should be limited.



SPECIFICATIONS

Frequency range (-10 dB)	65 Hz – 21 kHz
Max continuous SPL ²	117.5 dB
Sensitivity (1W/1m half-space) ¹	93.5 dB
High-frequency driver	3.3" Air Motion Transformer
Mid frequency driver	4 x 2-inch midrange, 0.75-inch voice coil
Low/Mid frequency woofer	8" woofer, 2" voice coil
Nominal impedance	4 Ohm
Power rating ³	250 W
Mounting	VESA 100 × 100, 4 × M5 side points for specially designed mounting
Connectors	Banana terminals
Dimension (W × H × D)	335 × 480 × 132 mm / 13.3" × 18.9" × 5.2" (w/o grill)
	335 × 480 × 155 mm / 13.3" × 18.9" × 6.1" (w/ grill)
Net weight	8 kg / 17.6 lbs

¹ - dB SPL, IEC 60268-5 pink noise, 1W / 1m, half- and free- 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 a Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in the input signal.

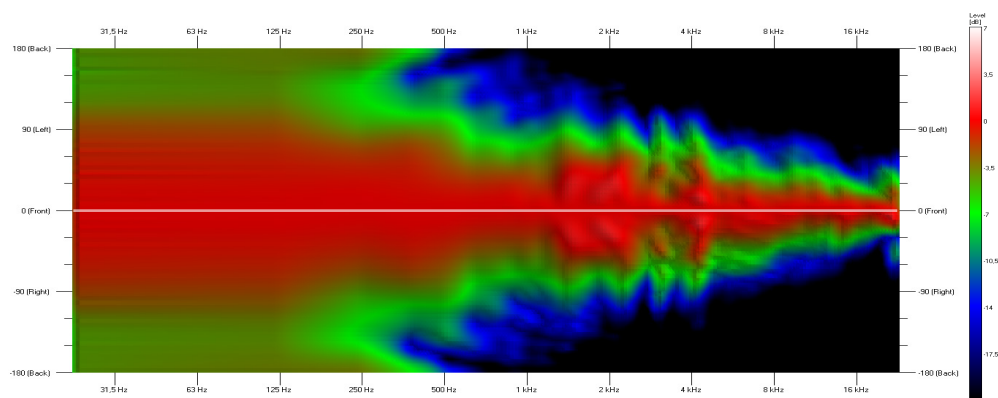
Do not exceed the input powers, abovementioned in the specifications, while exploiting the speaker system.

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

Directivity and frequency graphs

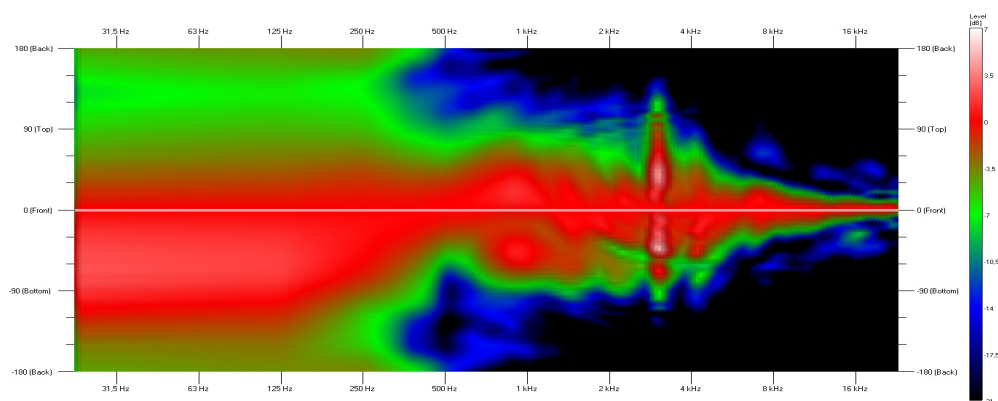
AVALON SUR

Horizontal
Directivity



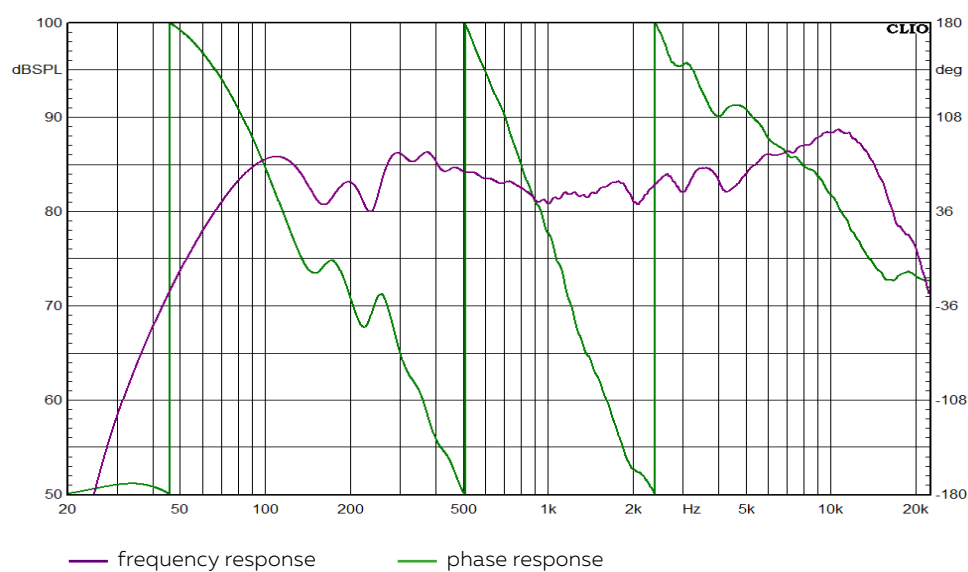
AVALON SUR

Vertical
directivity



AVALON SUR

Frequency
response



ANSI/CEA 2034A Spinorama AVALON SUR

