VECTOR SUBS15

Vector™ 15” Performance Subwoofer

- *A professional performance subwoofer for use with Vector™ Performance Loudspeakers*
- *High-power, long-excursion 15” (381 mm) low-frequency transducer*
- *Compact vented enclosure tuned for maximum low-frequency output*
- *Delivers superior performance in combination with an Avia™ DSP*
- *Precisely tuned for articulate, impactful deep bass response*
- *Ruggedly constructed for maximum reliability*
- *Concealed M10 mounting points*
- *Forged shoulder eyebolts available separately*
- *Neutrik® speakON® input and pass-through connections*

The Vector™ SUBS15 is a direct-radiating, vented subwoofer featuring a single high-power, long-excursion 15” (381 mm) transducer. It is designed to provide extended low frequency support for use with CS and CD series Vector Performance Loudspeakers, and is capable of producing articulate and impactful deep bass response for all types of installed music and multimedia applications.

The Vector SUBS15 requires use with a Crestron Avia™ DSP to ensure rated performance and reliable operation. Its enclosure is optimally tuned to provide maximum low frequency output in a compact package, facilitating placement in tight spaces. Concealed M10 mounting points are included to allow for suspended installation using forged shoulder eyebolts (sold separately).

SPECIFICATIONS

Performance

Transducer: 15 inch (381 mm) woofer with 4 inch (102 mm) voice coil and ceramic magnet
Beamwidth: Spherical
Impedance: 8 Ohms nominal
Frequency Range: 30 to 135 Hz (+3/-10 dB)
Power Handling: 700 Watts based on the AES power handling of the transducer
Nominal Sensitivity: 101 dB half space, 95 dB whole space, at 1W/1m using band limited pink noise without processing
Nominal Maximum SPL: Half space: 136 dB peak, 130 dB continuous; Whole space: 130 dB peak, 124 dB continuous; Measured at 700W/1m without processing
Equalized Sensitivity: 98 dB half space, 92 dB whole space, at 1W/1m using an EIA-426-B signal with processing
Equalized Maximum SPL: Half space: 132 dB peak, 126 dB continuous; Whole space: 126 dB peak, 120 dB continuous; Measured at 700W/1m with processing

Processing & Amplification

Digital Signal Processing: Requires processing using one output channel of a Crestron Avia DSP, settings provided via model-specific “Speaker Profiles” in the Avia Audio Tool software (SW-AAT)
Amplification: Requires a single channel of amplification
Recommended Amplifier Power: 700 to 1050 Watts at 8 Ohms

Connections

Input: (2) Neutrik NL4 speakON 4-pole chassis connectors;
Pins 1 +/–: Speaker input and pass-through;
Pins 2 +/–: Pass-through only

Environmental

For indoor use only

Construction

Enclosure: Void-free, exterior grade Baltic Birch plywood; black painted finish
Grille: Steel, black powder coat finish
Suspension: (16) M10 eyebolt angle points (eyebolts sold separately)

Dimensions

Height: 24.62 in (625 mm)
Width: 19.68 in (500 mm)
Depth: 19.00 in (482 mm)

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Weight

68.0 lb (30.8 kg)

MODELS & ACCESSORIES

Available Models

VECTOR SUBS15: Vector™ 15” Performance Subwoofer

Available Accessories

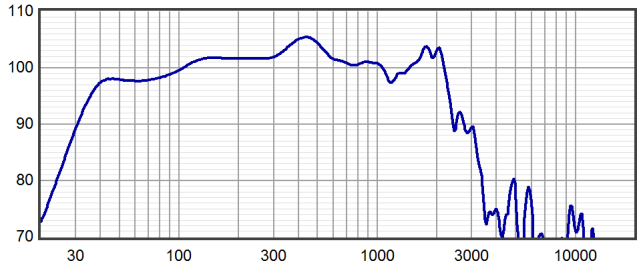
VECTOR EB10: M10 Forged Shoulder Eyebolt
VECTOR CONN2: Neutrik® NL2 speakON® 2-Pole Cable Connector
VECTOR CONN4: Neutrik® NL4 speakON® 4-Pole Cable Connector
DSP Series: Avia™ Digital Signal Processors

Notes:

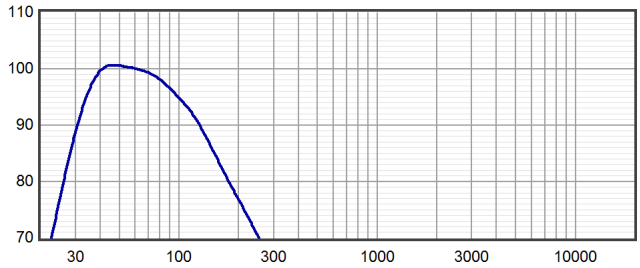
This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

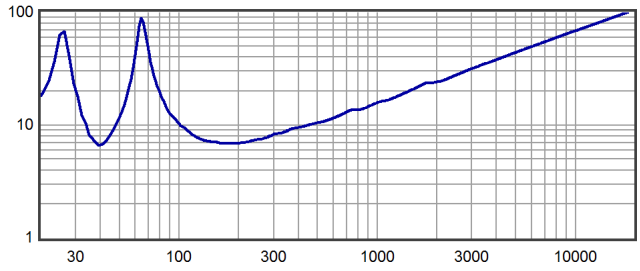
Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.



Axial Sensitivity (dB SPL, 1W/1m)
Plotted against frequency for a 1 watt swept sine wave, referenced to 1 m without processing



Axial Processed Response (dB)
The axial magnitude response with processing



Impedance (Ohms)

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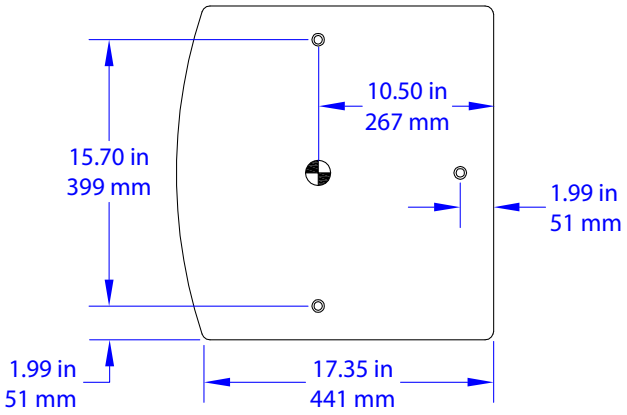
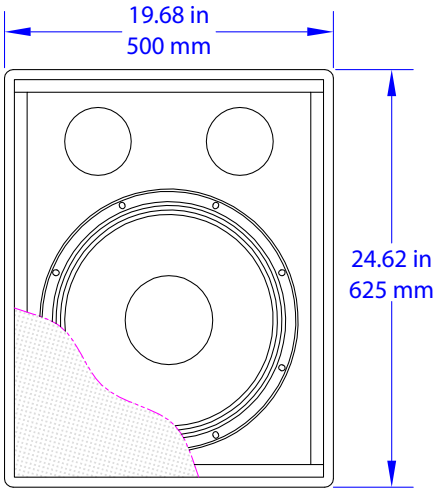
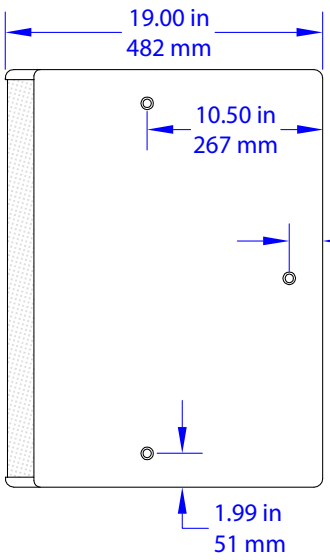


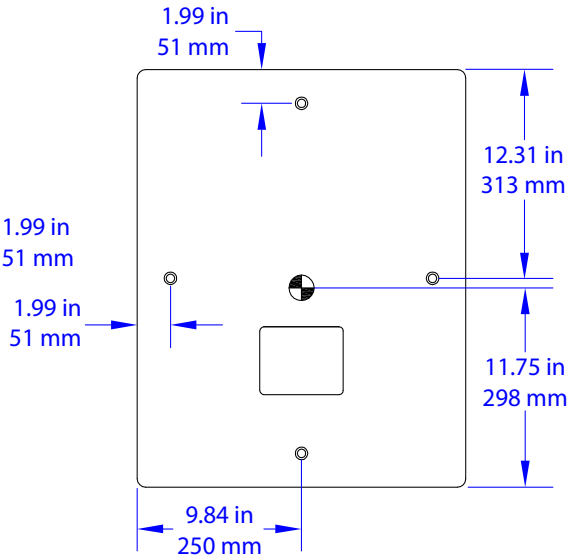
Symbol Key:

= M10 Eyebolt angle point

= CoG







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Specifications subject to change without notice. Revised 06/04/17