EV Innovative Design

Model 6.2

Compare to a JBL Control 28

Extended-Range
High-Output Speaker
(Preliminary Specifications)

COMMERCIAL

Important Features:

- Line-array enhanced coverage control
- Organic, unobtrusive shape
- Strong-Arm-Mount™ for easy, flexible aiming
- Full-bandwidth overload protection
- Weather resistant and paintable
- Dual 6-inch LF transducers for extended bass and greater power handling and output
- Ti direct-radiator HF transducer, neodymium structure
- High sensitivity
- Magnetically shielded
- Zinc-plated grilles
- Transformer versions

Preliminary Specifications:

Freq Response[1] (-10 dB):	62 Hz–20 kHz
Power Handling[2]:	150 watts
Sensitivity[3]:	95dB, 1W/1m
Impedance:	8 ohms
Max SPL:	116 dB
Horizontal Coverage[4]:	100°
Vertical Coverage[4]:	90°
LF Transducer:	2 x 6" (100 mm)
HF Transducer:	1" (25 mm)
Protection:	Full System
Suspension:	Multi-Axis
Swing x Rotation	100° x 45°
Terminals:	Spring
Enclosure Material:	ABS (paintable)
“t” version wattage taps	70V: 7.5W 700V/100W: 15W, 30W, 60W
Dim (H x W x D):	16.5" x 9" x 11.75" (419 mm x 228 mm x 298 mm)
Net Weight (each):	12 lbs (5.3 kg)
Shipping Weight (pair):	27 lbs (12.3 kg)
Included Accessories:	SAM™, hex key

[1]Half Space (wall mounting)

[2]Long Term Program Rating: 3dB greater than continuous pink noise rating

[3]Avg: Half Space (wall mounting)

[4]When mounted with long axis in vertical plane

The EVID™ 6.2 is an extended-range loudspeaker ideal for indoor and outdoor applications requiring high-quality sound. Its extended range and smooth bass provide ample SPL levels in larger environments such as shopping malls, sports bars, health clubs, and other applications.

The 6.2’s three-dimensional elliptic baffle symmetrically locates the 1-inch Ti direct radiator high-frequency element with a Coherent Coverage Waveguide in front of and between the 6-inch low-frequency drivers. The careful shaping, location, and 10-degree splaying of the LF units provide coverage control by the resulting line array. Lobing is controlled by physically “shadowing” the LF transducers from each other over the bandwidth where they would normally exhibit interference. EVID™’s mounting system provides greater range of aiming angles in both horizontal and vertical planes than other types. The grille follows the use of curvature, with designed-in weather resistance and a hidden leash for safety.

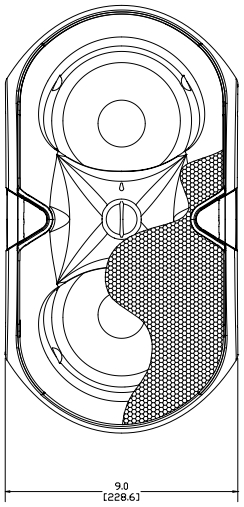
All models all available in black or white, and can easily be painted the match the décor. Transformer versions are also available for constant voltage systems.

Electro-Voice®

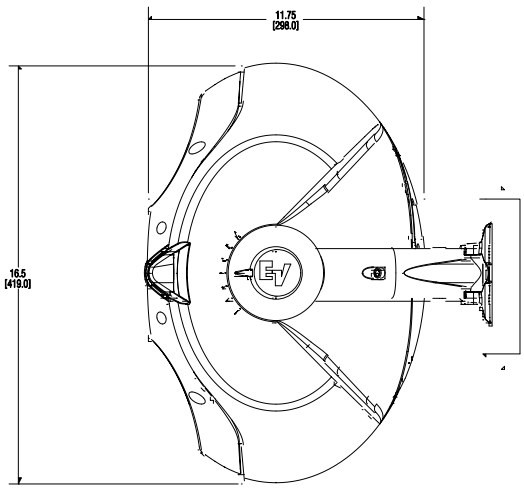
Architects' and Engineers' Specifications

The loudspeaker shall be a two-way system consisting of two 6" (150 mm) low-frequency transducers, a 1-inch (25 mm) high-frequency transducer with a Coherent Coverage Waveguide, and a frequency-dividing network installed in a vented, line-array enclosure. The network shall include protection circuits for both the low-frequency and high-frequency transducers. The loudspeaker system shall meet the following performance criteria: Power handling, 180 watts long term program using IEC268-5 shaped pink noise; Frequency response, 62 Hz–20 kHz (-10 dB from rated sensitivity); Pressure sensitivity, 95 dB at one watt; 200 Hz–10 kHz at one meter; Impedance, 8 ohms nominal, 6 ohms minimum. The high-frequency transducer shall drive a waveguide for even 100-degree (H) x 90-degree (V) coverage. The enclosure shall be molded of acrylic butyl styrene. The enclosure shall be 16.5" (419mm) high, 9" (228mm) wide, 11.75" (298mm) deep. The finish shall be a paintable black or white. The grille shall be zinc plated and powder coated for corrosion resistance and be restrained with a safety leash. The loudspeaker shall be adjustable over a of 100-degree (H) x 45-degree (V) range. The support bracket shall be low profile and integral with the enclosure. The system shall be weather resistant to MIL Spec 810 and IEC 529 test conditions.

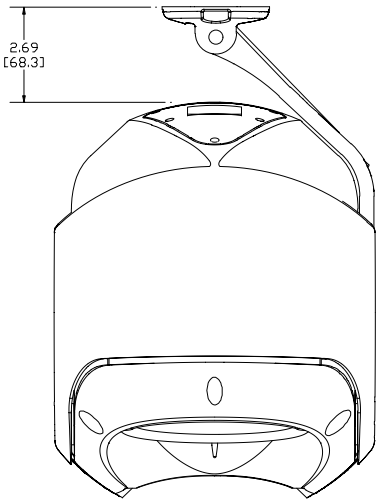
Front



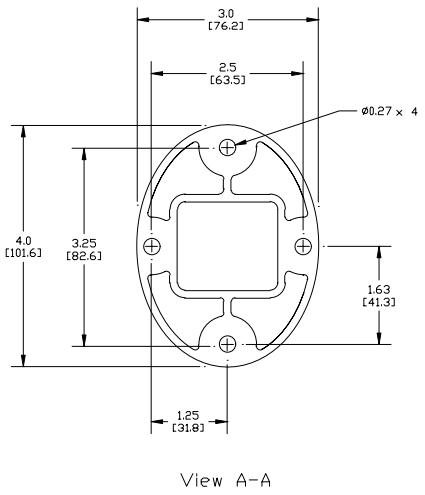
Side



Top



Wall Plate



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For technical assistance, contact Technical Support at 866/78 AUDIO
Please refer to the Engineering Data Sheet for warranty information.
Specifications subject to change without notice.