

Key Features:

- 12-inch high-excursion LF transducer
- Trapezoidal shape allows for flexible placement
- Secure reinforced cabinet construction with mounting hardware included
- Extremely high power handling
- Paintable enclosure. Available in black or white finishes
- Dual voice coil design accommodates both stereo channels.
- Crossed-over pass-thru connections for up to 4 satellite speakers
- High sensitivity



General Description:

The EVID™ 12.1 is a subwoofer system designed to complement the EVID™ line of full-range loudspeakers. The 12.1 is ideal for supplementing the bass response of any EVID™ model in an indoor application. It is particularly useful in sports bars, dance floors, retail environments, health clubs, restaurants, etc. The 12.1 adds the extra dimension of a powerful low end where foreground music is desired.

The 12.1's slot-loaded design allows for flexible mounting and placement while delivering the smoothest bass response possible. The 12-inch high-excursion woofer, with its dual voice-coil design, enables both the L/R channels to feed into the speaker while at the same time providing crossed-over outputs for up to 4 satellite speakers. If desired, the 12.1 can be powered separately for an even more powerful presence. The 12.1 features reinforced steel-fastener construction that allows for a variety of mounting configurations.

The 12.1 is available in black or white, and can easily be painted to match the décor. All mounting hardware is included.

Technical Specifications:

Frequency Response ¹ (-10 dB):	40 Hz–180 Hz
Power Handling ² :	175/175 watts
Sensitivity ¹ :	100dB, 1W/1M
Impedance:	8/8 ohms
Max SPL:	125 dB
LF Transducer:	12" (300 mm) - high-excursion dual voice coil
Terminals:	Spring loaded
Enclosure Material:	MDF, steel fastener reinforced
Dim (H x W x D):	16.25" x 23" x 12" (412 mm x 584 mm x 305 mm)
Net Weight (each):	40 lbs (18.1 kg)
Shipping Weight:	48 lbs (20.0 kg)
Included Accessories:	Mounting bracket and hardware

¹ 1/8" Space (corner mounting)

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

Architects' and Engineers' Specifications:

The loudspeaker shall be a single driver system consisting of one 12-inch (300 mm) low-frequency transducer and frequency-dividing network installed in a slot-loaded enclosure. The LF transducer shall have dual voice coils to allow for stereo (L/R) inputs. The network shall include crossed-over outputs for up to 4 satellite speakers. The loudspeaker system shall meet the following performance criteria: Power handling, 175 watts long-term program per channel (voice coil) using IEC268-5 shaped pink noise. Frequency response, 40 Hz – 180 Hz (-10 dB from rated sensitivity). Pressure sensitivity, 100 dB at one watt, 50 Hz – 100 Hz at one meter 1/8th space. Impedance, 8 ohms nominal, 6 ohms minimum per channel. The enclosure shall be MDF and constructed with both glue and steel fasteners. The enclosure shall be 16.5" (412 mm) high, 23" (584 mm) wide, 12" (305 mm) deep. The finish shall be a paintable black or white. The grille shall be acoustically transparent foam. The support bracket shall be low profile and integral with the enclosure. The cabinet shall be designed for ceiling mounting with additional accessory materials. All standard mounting hardware shall be included for wall or corner placement.

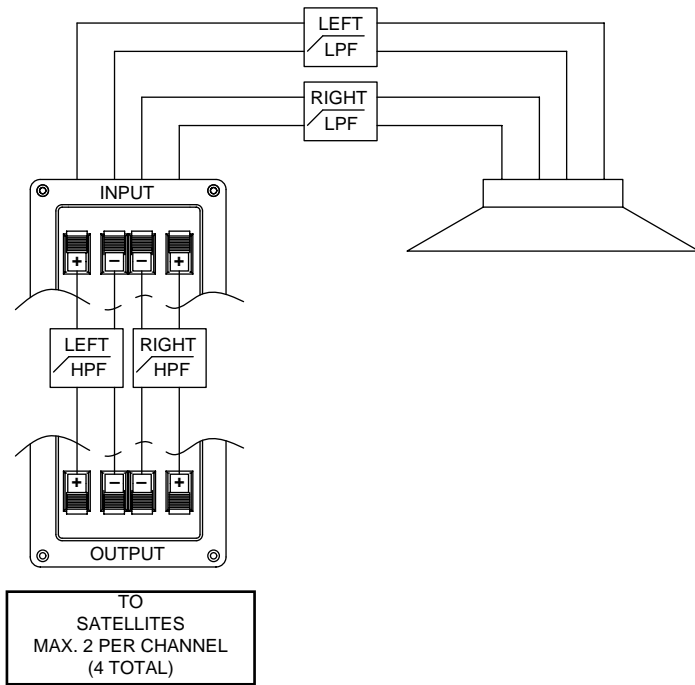


Figure 1. Block Diagram

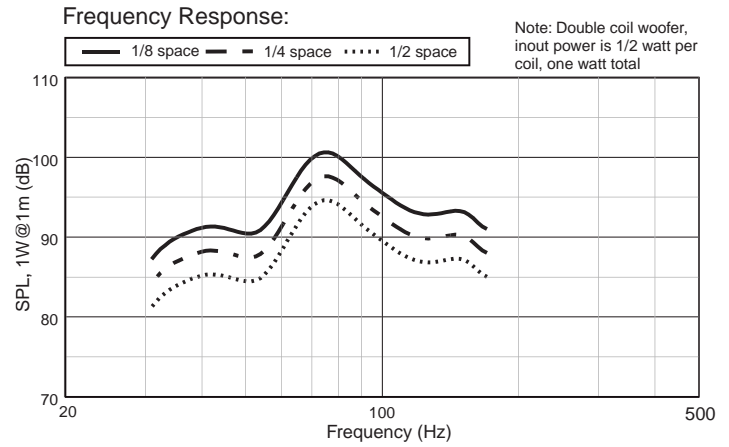


Figure 2. Response

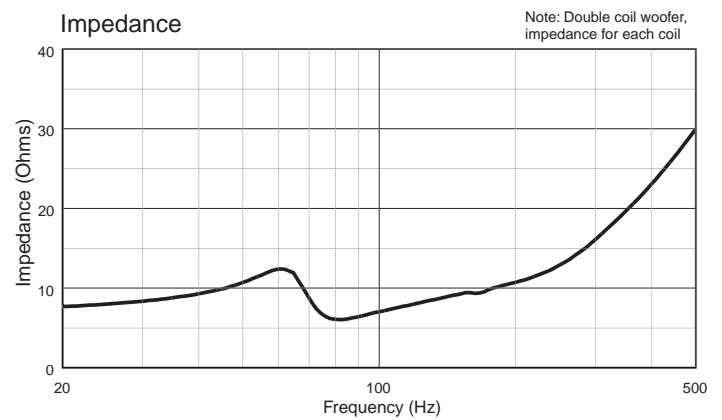


Figure 3. Impedance

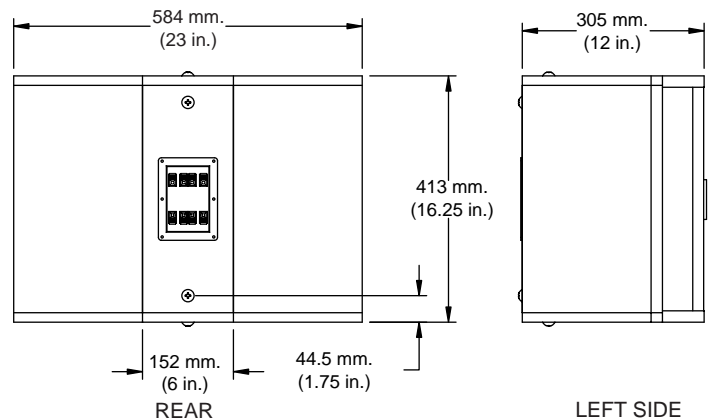


Figure 4. Dimensions



12000 Portland Avenue South, Burnsville, MN 55337
Phone: 952/884-4051, Fax: 952/884-0043

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Specifications subject to change without notice.