

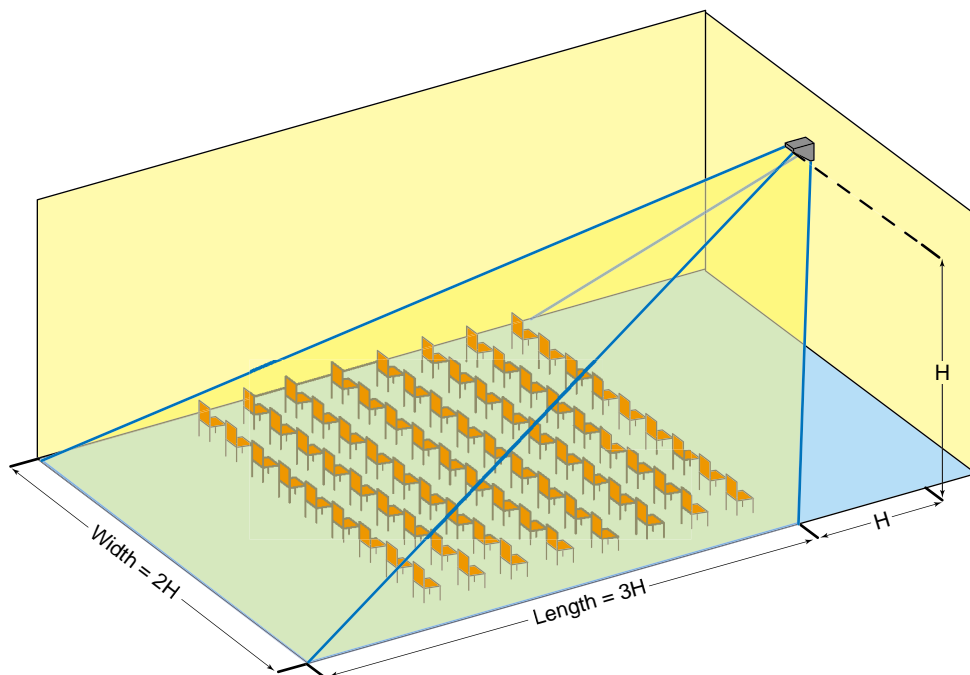
EVI Vari Intense®

Electro-Voice®'s unique EVI Vari Intense® (VI) speakers are engineered to obviate the need for additional long-throw horns or delayed sources in many rooms. The EVI Vari Intense® series provides an economical solution for permanent installations that require coverage over a rectangular area. In a typical room, the distance from the loudspeaker to the last row is two or more times that to the front row, resulting in a substantial loss in level and intelligibility at the rear. The VI horn delivers 6 to 8 dB more SPL to the back of the room, overcoming the level loss without resorting to the expense and complexity of additional speaker systems or components. The problem is old; EV's solution is new. EVI is perfect for conference centers, houses of worship, halls, and other venues where evenly distributed SPL is essential. EVI systems are made of 18 mm 13-ply birch plywood (EVI 28: 12 mm 9-ply), texture-painted with a powder-coated metal grille.

A simple 3-2-1 rule-of-thumb applies for determining EVI coverage patterns: The pattern's width will equal twice the height of the room, and the pattern's length will equal three times the height. See the illustration below.

EVI Vari Intense® coverage pattern (3-2-1 Rule):

If speaker height = H , then coverage length = $3H$, coverage width = $2H$, and first row coverage = $1H$



EVI-28

- Two-way, full-range loudspeaker
- Vented LF enclosure
- 1.3" voice coil (titanium diaphragm)
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Stacked, frequency-shaded woofers maintain vertical coverage angle down to 500 Hz with 120° (typical 180°); ideal for reverberant rooms
- Five 3/8"-16 hanging points





EVI-12

- Two-way, full-range loudspeaker
- High sensitivity
- Vented LF enclosure
- 1" voice coil (titanium diaphragm)
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Five 3/8"-16 hanging points

EVI-15

- Two-way, full-range loudspeaker
- High sensitivity
- Vented LF enclosure
- 1" voice coil (titanium diaphragm)
- PRO™ Driver protection circuit
- Time Path™ phasing plug
- Multi-angled housing
- Five 3/8"-16 hanging points



Specifications	EVI-12	EVI-15	EVI-28
Frequency range (-3 dB)	45 Hz–25 kHz	45 Hz–25 kHz	62 Hz–25 kHz
Recommended high-pass frequency	—	—	—
Sensitivity (SPL 1 W/1 m)	99.5 dB	100 dB	93 dB
Max. SPL/1m (calc.)	129 dB	129.5 dB	123.5 dB
Long-term power handling	250 W	250 W	250 W
Short-term power handling	1,000 W	1,000 W	1,000 W
Coverage (H° x V°)	60° x 65°	60° x 65°	65° x 65°
LF driver	12" (SG12)	15" (SG15)	2 x 8"
HF driver	1" (DL12BFH)	1" (DL15BFH)	1" (DH2010A)
Crossover frequency	2,000 Hz	2,000 Hz	2,000 Hz
Nominal impedance (minimum)	8 Ω	8 Ω	8 Ω
Input connections	screw terminal	screw terminal	screw terminal
Dimensions (H x W at front x D)	21.8" x 14" x 27.5"	23" x 16.9" x 30.2"	13.9" x 19.5" x 20.6"
	554 x 356 x 699 mm	584 x 429 x 766 mm	353 x 496 x 523 mm
Net weight	48 lbs (21.8 kg)	53 lbs (24.0 kg)	36 lbs (16.3 kg)



VI Horn