





Key Features:

- Extremely Smooth, Wide Frequency Response
- Attractive, Clean Design with Full Grille
- **EV8L 8" High-Output LF Transducer**
- DH2005 1" Exit True Compression Driver
- 90° x 50° Coverage Pattern
- **Rotatable Horn Design**
- **Integral Monitor Angle on Enclosure**
- 200W Cont., 800W Peak Power Handling
- High Sensitivity, 123 dB Maximum SPL
- **Built-In Pole Mount**
- **Integral Handle Pocket for Easy Carrying**



General Description:

The Electro-Voice® ZX1 is the new standard of no compromise audio performance and versatility for compact sound reinforcement.

The high-tech enclosure uses injection-molded high-impact polypropylene to make the ZX1 extremely durable. The enclosure geometry has been engineered to provide maximum rigidity and acoustic performance. The velocity compensated port design overcomes the limitation of many small loudspeakers and enables exceptional low frequency response without vent noise.

The ZX1's long excursion, high output 8" woofer with a weatherized treated cone delivers smooth low frequency performance with exceptional reliability. A sophisticated crossover network integrates it with the DH2005, a 1.25" voice coil titanium diaphragm true compression driver for maximum output with extended frequency response. Full-bandwidth overload protection is provided for reliable, long term operation without audible effect.

The horn features 90° x 50° coverage with the important added benefit of rotation, allowing the ZX1 to be oriented either horizontally or vertically for the ultimate in coverage flexibility.

The ZX1's molded polymer enclosure is inherently water resistant. The enclosure features an integrated pole mount, a pocket handle, and a wedge-angle design allowing for use as a stage monitor.

Technical Specifications:

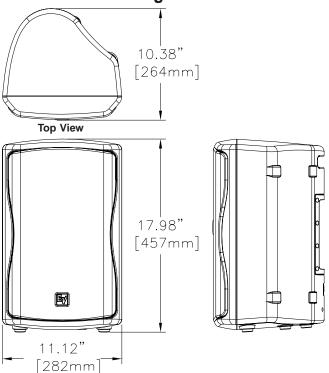
Freq. Response¹ (-3 dB): 60 Hz - 20 kHz Freq. Range¹ (-10 dB): 48 Hz - 20 kHz Rec. Hipass Frequency: 40 Hz Axial Sensitivity¹: 94 dB (1W/1m) Max Calculated SPL: 123 dB Horizontal Coverage: 90° or 50° Vertical Coverage: 50° or 90° Rated System Power: 200W Cont.², 400W Prog., 800W Pea LF Transducer: EV8L, 8 in (203mm) Driver HF Transducer: DH2005, 1 in. (25.4mm) Exit Compression Driver Crossover Frequency: 1.7 kHz Nominal Impedance: 8 Ohms Minimum Impedance: 6 Ohms
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Vertical Coverage: 50° or 90° Rated System Power: 200W Cont.², 400W Prog., 800W Pea LF Transducer: EV8L, 8 in (203mm) Driver HF Transducer: DH2005, 1 in. (25.4mm) Exit Compression Driver Crossover Frequency: 1.7 kHz Nominal Impedance: 8 Ohms
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LF Transducer: EV8L, 8 in (203mm) Driver HF Transducer: DH2005, 1 in. (25.4mm) Exit Compression Driver Crossover Frequency: 1.7 kHz Nominal Impedance: 8 Ohms
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Minimum Impodance: 6 Ohms
Millimum impedance. 6 Onins
Connectors: Neutrik Speakon NL4
Enclosure Material: High Impact Polymer
Grille: Polyester Powder Coated, 18GA Galvanized Steel
Dim (H x W x D): 457mm x 282mm x 264mm (17.98" x 11.12" x 10.38")
Net Weight: 8.4 kg (18.5 lbs)
Shipping Weight: 10.2 kg (22.5 lbs)

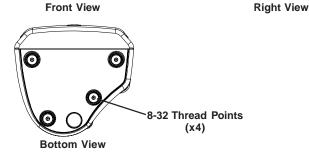
Half Space Measurement



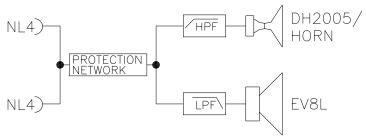
IEC Noise, 6 dB Crest Factor

Dimension Drawings:

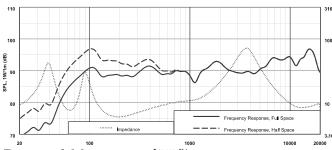




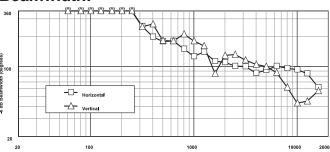
Block Diagram:



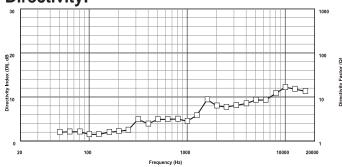
Frequency Response & Impedance:



Beamwidth:



Directivity:



ZX1-90 Part Numbers

• 301850-001 ZX1-90, 90° x 50° Horn, Black Finish • 301850-002 ZX1-90, 90° x 50° Horn, White Finish

Performance Match

301576-001 SbA760, 120V 15" Powered Subwoofer,760W
 D170259 CP1800, 120V Power Amplifier, 2 x 600W
 D170258 CP2200, 120V Power Amplifier, 2 x 800W

Accessories

301916-001
 301917-001
 301919-001
 302023-001
 593717
 MP1-B, Mounting Plate Kit, Black
 CB1, Carrying Bag, Convertible, Black
 SC-ZX1, Slip Cover for ZX1, Black
 CA-ZX, Truss Clamp Adapter for ZX1
 100BK, Tripod Speaker Stand

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This ZX1 Loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified. This system should be suspended with certified rigging hardware by an authorized rigging professional and in compliance with local, state, and federal overhead suspension ordinances.



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www.electrovoice.com
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Europe, Africa, and Middle East only. For customer orders, contact Customer Service at: + 49 9421-706 0 Fax: + 49 9421-706 265

Other International locations. For customer orders, contact Customer Service at:

+ 1 952 884-4051 Fax: + 1 952 736-4212 For warranty repair or service information, contact the Service Repair department at:

800/685-2606
For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.