

**ZX5**





# ZX5



## The Future is now!

Electro-Voice™ is the pioneer of composite pro audio speakers. It all started in 1982: when the 100S was launched as the world's first professional 12" speaker in a lightweight composite enclosure. It was followed by the very popular S200 in 1984. In 1994, the Sx200 made it's debut, setting new standards in performance and coverage. The Sx200 used an EVM® woofer, the DH2010A 1" compression driver and Varipath™ horn geometry. Then, in 1997, the Sx300 arrived featuring a DL woofer and incorporating EV's RMD™ (Ring-Mode-Decoupling) technology.

The Sx Series has since become the industry standard for pro audio speaker applications worldwide. Now, after more than 20 years of making composite speakers, EV once again raises the performance standard in professional sound reinforcement with the launch of the **Zx5**.



# ZX5

## Think light!

A unique combination of audio performance, versatility, aesthetics and light weight. You won't find another speaker system on the market that offers the outstanding sound quality, range of versatility, and tremendous output capability of the **Zx5** anywhere near its size and weight.



- No-compromise design
- Adjustable monitor angle (45° or 55°)
- Elegant enclosure with full-face grille for clean, professional look
- Integral rigging points and inserts for unlimited flying options
- All new DVX3150 15" woofer, with 500 watts (AES) continuous power handling
- Full line of accessories for all types of installations
- All new ND2, 2" voice coil, 1" exit neodymium driver
- 60° x 60° or 90° x 50° coverage pattern

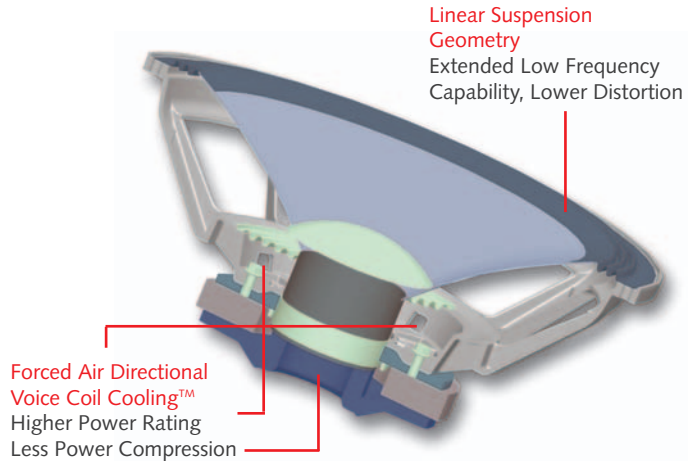


# ZX5



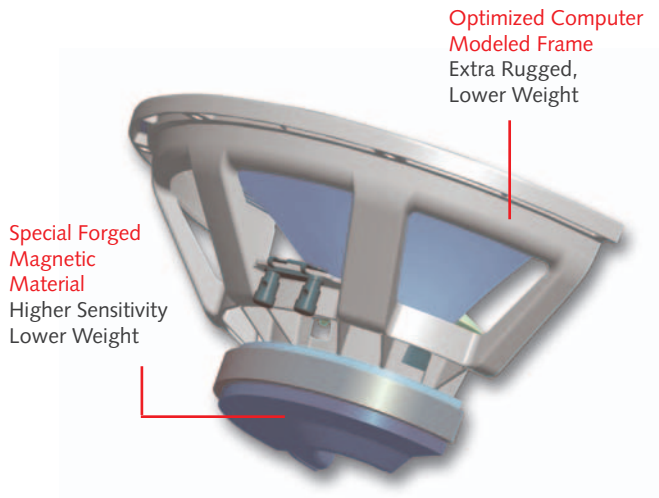
## EV components - the key for highest audio performance

For more than 75 years, Electro-Voice™ has been one of the very few manufacturers that designs and manufactures its own loudspeaker components to ensure the highest possible audio performance of a loudspeaker system. The **Zx5** is the first speaker to feature EV's all-new DVX series of woofers, as well as the ND2 neodymium compression driver.



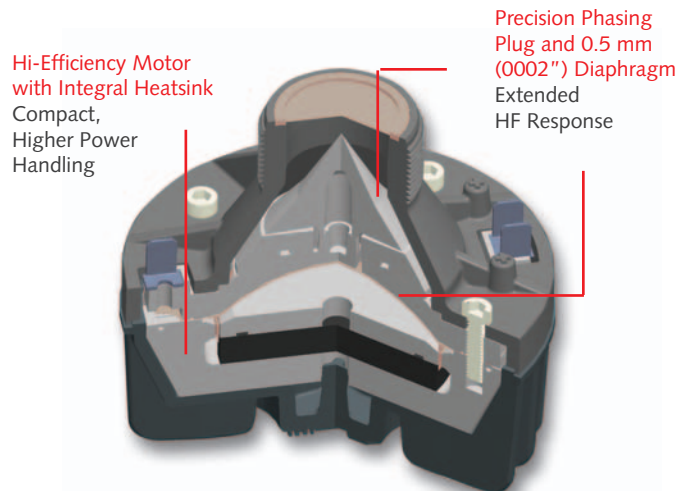
### DVX3150 Forced Air Cooled 500W LF Transducer

Cool air enters through frame under spider, flows around the voice-coil to absorb heat, and exits through differential pressure vent in pole piece. Computer aided design used for suspension components enable dynamic linearity at very high output levels, reducing distortion to levels below audibility.

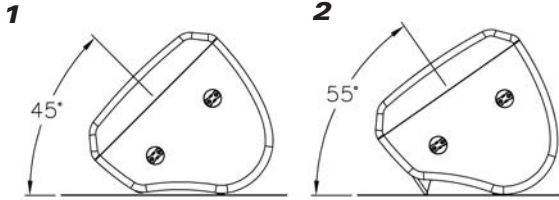


### ND2 2 inch voice coil diameter Compression Driver

High-energy, compact Neodymium motor provides extended response, and is very lightweight. Aluminum heatsink supplies additional power handling for maximum output, while reducing size and weight to a minimum. 0.5 mm (0.002") titanium diaphragm provides reliability, transient response, and great HF.



## Always the Perfect solution!



### For Monitors

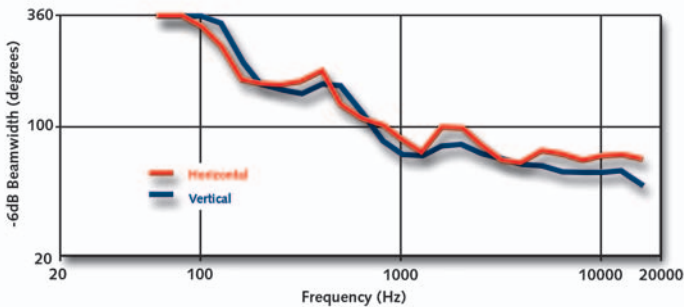
By design, the **Zx5** is also a perfect solution for stage monitors. As different stage sizes require different monitor angles, the **Zx5** offers two angles without any additional accessories.



### For Installations

The **Zx5** is available in black or white finish. Both have a cloth-backed, full-face grille for a clean professional look. For outdoor applications there is a PI with stainless steel grille, hydrophobic cloth, and waterproofed gland nut at the output.

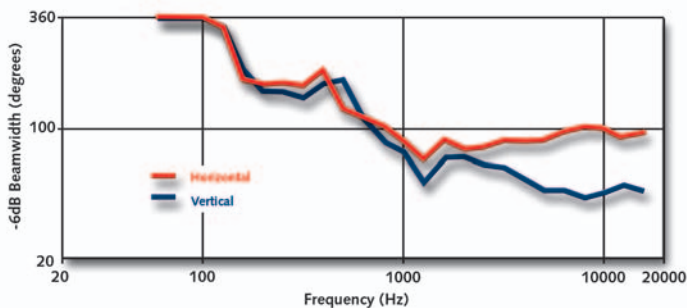
### Zx5-60 60° x 60° coverage For long-throw and cluster applications



### Computer Optimized HF Waveguides

Different applications require different coverage patterns. **Zx5** has two available: 90° x 50° for wider areas, 60° x 60° for longer throw and high intelligibility in reverberant spaces. Both provide smooth, even response on and off-axis.

### Zx5-90 90° x 50° coverage For wider coverage or shorter distances

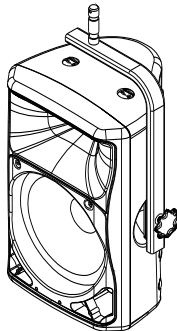


## The most versatile speaker in the world

Zx5 mounted with MB-5  
(wall/ceiling bracket)



Zx5 mounted with PSA-V  
"Strong Arm" using HA-5



### Integrated Rigging and Suspension

Single-button fittings can be used top, bottom, or rear with internal steel anchor plates. 10 x M8 threaded points that can be used to suspend the speaker in several orientations. Wall mounting and array brackets for many applications are available.

Zx5 - flying individual  
using the integral  
attachment points



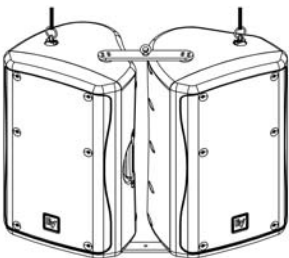
Zx5 - 2-cabinet  
vertical array using 2 EBK-3



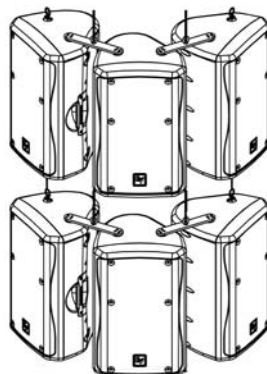
### Accessories for more versatility

The MB-5 mounting bracket allows for quick, easy and safe mounting of the **Zx5** on to walls or ceilings. The CB-5 cluster bracket kit is used to create larger arrays with **Zx5**. Both angles 60° and 90° are provided. For permanent hanging the EBK-3 eyebolt kit is available. A kit of three single-stud fittings, the SSK-1 offers quick release for mobile applications.

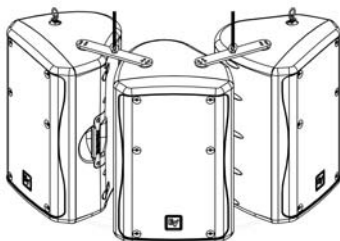
Zx5 - 2-cabinet array  
using 1 CB-5 cluster  
bracket kit



Zx5 - 6-cabinet cluster  
using 4 CB-5 cluster  
bracket kits



Zx5 - 3-cabinet horizon-  
tal array using 2 CB-5  
cluster bracket kits



### Quality Made in USA

Quality is inherent in using and owning any Electro-Voice™ product, and we stand behind that. Every **Zx5** is built of premium-quality materials and is carefully tested to ensure customers satisfaction. All EV speakers are backed by a five-year parts-and-labor limited warranty.

# ZX5

## Specifications

	<b>Zx5-60</b>	<b>Zx5-90</b>
Frequency Response* (-3 dB)		58 Hz - 15 kHz
Frequency Response* (-10 dB)		41 Hz - 20 kHz
Power Handling (long term/Peak)		600W/2400W
Sensitivity 1W/1m		98 dB
Max SPL (calc.)		132 dB
Low Frequency Driver		DVX3150, 15" woofer
High Frequency driver		ND2, 2" voice coil compression driver
Box Tuning Frequency		50 Hz
X-over frequency		1500 Hz
Impedance (nom./min.)		8 Ohms / 6.5 Ohms
Dispersion (H x V)	60° x 60°	90° x 50°
Input connector		Speakon NL4 (Black and white version) Gland Nut with SOJ Cable (PI versions)
Suspension:		5 location point points for single-stud attachment plates (2 on top, 2 on bottom, 1 on rear), 3 anchor plates equipped. 10 metric inserts (M8) integrated polmount adapter
Enviromental Spec:		IEC529 IP24 / IP44 for PI version
Dimensions H/W/D	686mm x 445mm 406mm	(27.00" x 17.50" x 16.00")
Net Weight/ Shipping Weight		21.3kg (41 lbs) 23.2kg (51 lbs)

\* Half Space

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**WARNING**  
ENCLOSURE WORKING-LIMIT STRUCTURAL RATINGS

NEVER EXCEED THE WORKING-LIMIT LIMITS SPECIFIED. RATINGS BASED ON CABINETS BY 2007-1 SINGLE BRACE FITTING AND CARRY FRAMEWORK OR EQUIPMENT EYE WALL. ALWAYS ENSURE THE BEST SAFETY PRACTICES (LIFTING TECHNIQUE) ARE USED BY WORKERS TO THE MAXIMUM OF THE RATINGS.



**ZX5-90**  
PASSIVE / FULL RANGE CABINET  
90° x 90° COVERAGE PATTERN  
IMPEDANCE: 8 OHMS  
POWER: 600 WATTS

**EV** ELECTRO-VOICE  
BURNSVILLE, MN

570384-000

8 ohm  
PIN 1+ FR+  
PIN 1- FR-  
PIN 2+ R.C.  
PIN 2- R.C.

PARALLEL  
INPUTS

CE

