Key Features:
- Fully-weatherized fiberglass finish with gland nut and stainless-steel grille
- DH7N 3" (76 mm) diaphragm, 1.4" (36 mm) exit pure titanium compression driver
- DVX3151A 15" (381 mm) LF transducer with fully symmetric drive
- Advanced fourth-order crossover network with HF protection
- Coverage pattern: 40° x 30° Constant Directivity™ 12" rotatable waveguide
- 100 dB sensitivity, 134 dB maximum SPL
- System rating: 600 W continuous, 2400 W peak
- Active rating: LF 500 W/HF 75 W continuous
- (22) M10 threaded suspension points

General Description:
The Electro-Voice EVF-1152D/43-FG is a fully-weatherized, fiberglass-coated, high-power, two-way loudspeaker system that can be used in a variety of applications where high-quality sound reinforcement is required in a compact, lightweight package.

The EVF-1152D/43-FG utilizes the DH7N, a high-output 3" titanium compression driver, coupled to a Constant Directivity™ 40° x 30° waveguide. The DVX3151A 15" woofer was developed using FEA optimization for motor, suspension, and electrical design to ensure very low distortion, high efficiency, and maximum intelligibility at high SPL. The crossover uses steep, 24-dB-per-octave slopes with equalization for very smooth response in the vocal range, linear off-axis response, and a protection circuit for long-term reliability.

The EVF-1152D/43-FG's features make it ideal for many fixed-install applications, including applications with full exposure to outdoor elements. The trapezoidal enclosure is constructed of weather-resistant birch, and coated with fiberglass for maximum protection from extreme outdoor elements. The unique acoustic and rigging design allows for vertical and horizontal clusters to be built using any combination of loudspeakers from the entire EVF and EVH series. With seven horn patterns to choose from, along with an assortment of low-frequency and subwoofer loudspeakers, you have the tools to maximize flexibility of system design, no matter what the application and budget. The innovative input panel provides a choice of Phoenix-style connector (included in all standard models) or the ability to add a dual NL4-type connector cover plate or gland-nut cover plate (for weatherizing applications). An externally accessible jumper selects passive or active operation. An available 70.7/100-V transformer kit may be easily mounted to the input panel for use in distributed systems. All these features give you the flexibility to address a large range of venues, quickly and precisely supporting customer requirements with fewer items in inventory.

Technical Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freq. Response1 (&lt;3 dB)</td>
<td>107 Hz - 18 kHz</td>
</tr>
<tr>
<td>Freq. Range1 (-10 dB)</td>
<td>58 Hz - 21 kHz</td>
</tr>
<tr>
<td>Rotatable Coverage</td>
<td>40° x 30°</td>
</tr>
<tr>
<td>Rec. High-Pass Frequency</td>
<td>55 Hz</td>
</tr>
<tr>
<td>Passive Crossover Freq.</td>
<td>1300 Hz</td>
</tr>
<tr>
<td>Axial Sensitivity1</td>
<td>100 dB (1 W/1 m)</td>
</tr>
<tr>
<td>Max. Calculated SPL1</td>
<td>134 dB</td>
</tr>
<tr>
<td>Passive Power Handling1</td>
<td>600 W continuous, 2400 W peak</td>
</tr>
<tr>
<td>Impedance</td>
<td>8 ohms (nominal), 6.0 ohms (min.)</td>
</tr>
<tr>
<td>LF Transducer - DVX3151A, 15&quot; (381 mm) driver</td>
<td>114 dB (1 W/1 m)</td>
</tr>
<tr>
<td>LF Axial Sensitivity1</td>
<td>100 dB (1 W/1 m)</td>
</tr>
<tr>
<td>LF Max. Calculated SPL</td>
<td>133 dB</td>
</tr>
<tr>
<td>LF Power Handling2</td>
<td>500 W continuous, 2000 W peak</td>
</tr>
<tr>
<td>LF Impedance</td>
<td>8 ohms (nominal), 7.2 ohms (min.)</td>
</tr>
<tr>
<td>HF Transducer - DH7N, 3&quot; (76 mm) diaphragm compression driver</td>
<td>114 dB (1 W/1 m)</td>
</tr>
<tr>
<td>HF Axial Sensitivity1</td>
<td>114 dB (1 W/1 m)</td>
</tr>
<tr>
<td>HF Max. Calculated SPL</td>
<td>139 dB</td>
</tr>
<tr>
<td>HF Power Handling2</td>
<td>75 W continuous, 300 W peak</td>
</tr>
<tr>
<td>HF Impedance</td>
<td>8 ohms (nominal), 6.0 ohms (min.)</td>
</tr>
</tbody>
</table>

Connectors: Dual four-pin 10 AWG Phoenix/Euro Block screw-terminals, CDG dual-gland-nut input panel cover included for weatherizing

Enclosure: 13-ply weather-resistant birch with fiberglass finish

Grille: 18 GA stainless steel with hydrophobic cloth

Environmental: IEC 60529 IP55

Suspension: (22) M10 threaded suspension points

Dimensions (H x W x D): 30.26" x 18.50" x 18.37" (766.6 mm x 469.8 mm x 466.6 mm)

Weight: 75.7 lb (34.4 kg) net, 86.0 lb (39.1 kg) shipping

1 Half-space measurement.
2 AES 2-1984, tested for eight hours.
3 EIA RS-426A, tested for eight hours.
4 Arithmetic averages, 300 - 1,300 Hz (LF) and 1,300 - 5,000 Hz (HF).
EVF-1152D/43-FG Loudspeaker System

**Frequency Response & Impedance:**

- Graph showing SPL (dB) vs. Frequency (Hz) for Passive Mode, Half Space and Impedance, Passive Mode.
- Frequency range: 20 Hz to 20 kHz.
- SPL levels vary from 70 dB to 110 dB.
- Impedance range: 20 Ohms to 316 Ohms.

**Horizontal Off-Axis Frequency Response:**

- Graph showing SPL (dB) vs. Frequency (Hz) for On Axis, 10° Horizontal, 20° Horizontal, and 30° Horizontal.
- Frequency range: 20 Hz to 20 kHz.
- SPL levels vary from 70 dB to 110 dB.

**Vertical Off-Axis Frequency Response (Up):**

- Graph showing SPL (dB) vs. Frequency (Hz) for On Axis, 5° Vertical Up, 10° Vertical Up, and 15° Vertical Up.
- Frequency range: 20 Hz to 20 kHz.
- SPL levels vary from 70 dB to 110 dB.

**Beamwidth:**

- Graph showing beamwidth (degrees) vs. Frequency (Hz) for Horizontal and Vertical.
- Frequency range: 20 Hz to 20 kHz.
- Beamwidth range: 360° to 1°.

**Directivity:**

- Graph showing Directivity Index (DI, dB) vs. Frequency (Hz) for Directivity Factor (Q).
- Frequency range: 20 Hz to 20 kHz.
- Directivity Index varies from -6 dB to 100 dB.

**Block Diagram (biamp):**

- Diagram showing connection of Passive Limiter, Passive amp, HPF, THRU, DH7N, and DVX3151A.

**Block Diagram (passive):**

- Diagram showing connection of Passive Limiter, HPF, Pass. Limiter, LPF, THRU, DH7N, and DVX3151A.
Polar Plots (1/3 Octave):

Horizontal = Black
Vertical = Grey
Dimension Drawings:

EVF-1152D/43 Product Descriptions
- EVF-1152D/43-BLK, 40° x 30°, Black Finish
- EVF-1152D/43-WHT, 40° x 30°, White Finish
- EVF-1152D/43-PIB, 40° x 30°, Black Finish, Weather Resistant
- EVF-1152D/43-PIW, 40° x 30°, White Finish, Weather Resistant
- EVF-1152D/43-FGB, 40° x 30°, Black Finish, Weather Resistant Fiberglass
- EVF-1152D/43-FGW, 40° x 30°, White Finish, Weather Resistant Fiberglass

Performance Match
- EVF-1122D/64, 60° x 40° Coverage
- EVF-1122D/66, 60° x 60° Coverage
- EVF-1122D/94, 90° x 40° Coverage
- EVF-1122D/96, 90° x 60° Coverage
- EVF-1122D/99, 90° x 90° Coverage
- EVF-1122D/126, 120° x 60° Coverage
- EVF-1152D/64, 60° x 40° Coverage
- EVF-1152D/66, 60° x 60° Coverage
- EVF-1152D/94, 90° x 40° Coverage
- EVF-1152D/96, 90° x 60° Coverage
- EVF-1152D/99, 90° x 90° Coverage
- EVF-2121S, Dual 12” Bass Element
- EVF-2151D, Dual 15” Bass Element
- CPS2.9, 120V Power Amplifier, 2 x 900W
- CPS2.12, 120V Power Amplifier, 2 x 1200W
- CPS4.5, 120V Power Amplifier, 4 x 500W
- CPS4.10, 120V Power Amplifier, 4 x 1000W

CAUTION
This EVF loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the EVF/EVH User Manual and possible manual update notices. 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.

Accessories
- CDN4, Cover Plate, Dual NL4
- CSG, Cover Plate, Single Gland Nut
- CDG, Cover Plate, Dual Gland Nut
- TK-150, 70V Transformer, 150W
- HRK-1B, Horiz. Rigging Kit, EVF, Black
- HRK-1W, Horiz. Rigging Kit, EVF, White
- HRK-2B, Horiz. Rigging Kit, EVF-SUB, Black
- HRK-2W, Horiz. Rigging Kit, EVF-SUB, White
- VRK-1B, Vert. Rigging Kit, EVF, Black
- VRK-1W, Vert. Rigging Kit, EVF, White
- VRK-2B, Vert. Rigging Kit, EVF-SUB, Black
- VRK-2W, Vert. Rigging Kit, EVF-SUB, White
- EVF-UB-BLK, U-Bracket Kit, EVF, Black
- EVF-UB-WHT, U-Bracket Kit, EVF, White

Specifications subject to change without notice.