The XLE191 is a 2–way using a single 8 inch neodymium LF transducer and two neodymium 2 inch voice coil compression drivers combining through 2 hydra plane wave generators into a 90° x 10° waveguide. The XLE191 can be used in Biamp or full-range modes using a sophisticated internal passive network. It is designed for use in arrays of four or more elements. The XLE191 delivers full bandwidth audio with precise, predictable coverage control. Integrated rigging with hinge points located correctly between array elements is simple to use and quickly provides uncompromised line array performance. The XLVC family consists of two full-range systems with dual woofers, two full-range systems with single woofers and a subwoofer system. The dual-woofer versions include the XLD281 with a 120° horizontal coverage pattern and the XLD291 with a 90° horizontal coverage pattern. The single woofer versions include the XLE181 with a 120° horizontal coverage pattern and the XLE191 with a 90° horizontal coverage pattern. LAPS2 modeling software quickly provides array configurations and rigging information.

X-Line Very Compact delivers unprecedented performance in applications ranging from live reinforcement to performing arts venues to houses of worship.

**Technical specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Response (-3dB)</td>
<td>90 Hz-18 kHz</td>
</tr>
<tr>
<td>Frequency Range (-10 dB)</td>
<td>75 Hz-20 kHz</td>
</tr>
<tr>
<td>Max Calculated SPL</td>
<td>138 dB Cont., 144 dB Peak</td>
</tr>
<tr>
<td>Horizontal Coverage</td>
<td>90°</td>
</tr>
<tr>
<td>Vertical Coverage</td>
<td>Array Dependant, Software Definable</td>
</tr>
<tr>
<td>Rigging</td>
<td>Fully Captive Aluminum, 1° increments, 16 elements with 8 to 1 Safety Factor</td>
</tr>
<tr>
<td>LF Power Handling</td>
<td>200W Cont., 800W Peak</td>
</tr>
<tr>
<td>HF Power Handling</td>
<td>80W Cont., 320W Peak</td>
</tr>
<tr>
<td>LF to HF Crossover Frequency</td>
<td>1760 Hz</td>
</tr>
<tr>
<td>LF Passband</td>
<td>1 x 8 inch DVN2080, 16 ohms</td>
</tr>
<tr>
<td>HF Passband</td>
<td>2 x ND2S-8, 16 ohms</td>
</tr>
<tr>
<td>Connectors</td>
<td>2 x NL8</td>
</tr>
<tr>
<td>Enclosure</td>
<td>13-ply birch plywood with EVCoat</td>
</tr>
</tbody>
</table>
Grille: Galvannealed steel with powder coat paint

Environmental Specifications: IEC 529 IP24, MIL 810

Dimensions (H x W x D): 9.90 in x 20.30 in x 14.52 in (251 mm x 516 mm x 369 mm)

Net Weight: 38 lb (17.2 kg)

Shipping Weight: 41 lb (18.4 kg)

1 Full Space Measurement of four (4) elements. 
2 Full Space Measurement of HF section of four (4) elements, SPL adjusted for 1 m distance. 
3 Use EV signal processing or download presets from Electro-Voice website.

System overview

Beamwidth:

Impedance:

Compatible System Solutions:

XLE181 120° Full-Range Line Array Element
XCS312 Triple 12 inch Cardioid Compact Controlled-Coverage Bass Element (Requires AGSE)

Compatible System Solutions, Electronics:

CP3000S Precision Series Power Amplifier
CP4000S Precision Series Power Amplifier
TG5 Tour Grade Power Amplifier
TG7 Tour Grade Power Amplifier
Dx46 Digital Sound System Controller
N8000 NetMax 300 MIPS Digital Matrix Controller
Ordering information

**XLE191 2-Way, High-Output, Very Compact Line-Array Element Black**
XLE full-range cabinet, 1 x 8", 2 x ND2, full-range or bi-amp mode switchable, 10° vertical angle, 90° horizontal angle, integrated rigging system, black
Order number XLE-191-BLKL

**XLE191 2-Way, High-Output, Very Compact Line-Array Element White**
XLE full-range cabinet, 1 x 8", 2 x ND2, full-range or bi-amp mode switchable, 10° vertical angle, 90° horizontal angle, integrated rigging system, ocean liner white
Order number XLE-191-WHTLB

**Accessories**

**AGSE-BLK Adaptor Grid Black**
Adaptor grid XCS312 - XLE181, black
Order number AGSE-BLK_GLN

**AGSE-CCA Adapter Grid Clear Coated**
Adapter grid to attach to XC312; clear coated
Order number AGSE-CCA_GLN

**CBEAM Coupler Beam**
Coupler beam for connecting XLD/XLE grids
Order number CBEAM_GLN

**XGS-4 Groundstack Kit**
XGS-4 groundstack kit for XLD or XLE and XCS312
Order number XGS-4_GLN

**XLE GRID**
XLE system aluminum grid for up to 16 x XLE181/ XLE191
Order number XLE GRID_GLN

**XLVC-BGK Bottom Grid Kit**
Bottom grid kit for XLD and XLE systems
Order number XLVC-BGK_GLN

**XLVC-TAE Tilt Angle Extender**
Tilt angle extender for XLD and XLE systems
Order number XLVC-TAE_GLN

Represented by:

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Gräbbrunn
Germany

Bosch Security Systems, Inc.
12000 Portland Avenue South
Burnsville MN 55337
USA

www.electrovoice.com

© Bosch Security Systems 2016 | Data subject to change without notice