The XCS312 is designed for high-level low frequency extension to 40 Hz in a cardioid configuration. It uses three DVX3120A forced air-cooled 12 inch transducers capable of long, linear excursion and high power handling in a two channel configuration. XCS312 speakers are designed to be used with a ratio of two XLD281 or XLD291 full range systems for each XCS312 subwoofer. The XLVC family consists of two full-range Line Array Elements with dual woofers, two full-range Line Array Elements with single woofers and a one subwoofer systems. The dual woofer Line Array Element includes the XLD281 with a 120° horizontal coverage pattern and the XLD291 with a 90° horizontal coverage pattern. The XCS312 cardioid subwoofer module has the same rigging footprint as the XLD281 and XLD291 allowing it to be directly arrayed above, or below XLD281 or XLD291 full range systems. 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.
**Polar Response:**

100 Hz

**Grid Drawing:**

**Block Diagram:**

**Connection Chart:**

<table>
<thead>
<tr>
<th>Connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin 1</td>
</tr>
<tr>
<td>Pin 2</td>
</tr>
<tr>
<td>Pins 3, 4</td>
</tr>
</tbody>
</table>

**Dimensions:**

**Compatible System Solutions:**

- XLD281 120° Full-Range Line Array Element
- XLD291 90° Full-Range Line Array Element
- XLE181 120° Two-Way Line Array Element
- XLE191 90° Two-Way Line Array Element

**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
Technical specifications

Frequency response (-3 dB): 45 Hz

Frequency range (-10 dB): 40 Hz

Max calculated SPL: 130 dB cont., 136 dB peak

Rigging: Fully captive aluminum, 1° increments, 5 elements with 8 to 1 safety factor

Power handling: 1500 W cont., 6000 W peak (1 channel 1000 W, 1 channel 500 W)

Sensitivity: 100 dB

High-pass frequency: 40 Hz

Recommended crossover frequency: 100 Hz

Coverage: 200°

LF front: 2 x 12 in (305 mm) DVX3120, 4 ohms

LF rear: 1 x 12 in (305 mm) DVX3120, 8 ohms

Connectors: 2 x NL8

Enclosure: 13-ply birch plywood with EVCoat

Grille: Galvannealed steel with powder coat paint

Environmental specifications: IEC 529 IP24, MIL 810

Dimensions (H x W x D): 508 mm x 726 mm x 677 mm (20.00 in x 28.58 in x 26.64 in)

Net weight: 67.1 kg (148 lb)

Shipping weight: 73.0 kg (161 lb)

1Half space measurement. SPL adjusted for 1W at 63 Hz at 1m

2Use EV Signal Processing or download presets from Electro-Voice website

Ordering information

XCS312-BLK Triple 12 in Cardioid Bass Element Black
Cardioid subwoofer cabinet, 3 x 12 inch DVX3120A, integrated rigging and ground stack; black
Order number XCS312-BLK-LB | F.01U.272.899

XCS312-BLK Triple 12 in Cardioid Bass Element Black
Cardioid subwoofer cabinet, 3 x 12” DVX3120A, integrated rigging and ground stack, black
Available in EMEA regions only
Order number D170471 | F.01U.101.300

XCS312-WHT Triple 12 in Cardioid Bass Element White
Cardioid subwoofer cabinet, 3 x 12” DVX3120A, integrated rigging and ground stack, white
Order number XCS312-WHT-LB | F.01U.272.900

Accessories

AGCD, ADAPTER GRID TO ATTACH XLD TO XLC
Adaptor grid XLC/XLD rigging system, e.g. XLC215 + XLD281
Order number AGCD_GLN | F.01U.249.781

AGSE-BLK Adaptor Grid Black
Adaptor grid XCS312 - XLE181, black
Order number AGSE-BLK_GLN | F.01U.249.778

AGSE-CCA Adapter Grid Clear Coated
Adapter grid to attach to XLC312; clear coated
Order number AGSE-CCA_GLN | F.01U.249.779

CBEAM Coupler Beam
Coupler beam for connecting XLD/XLE grids
Order number CBEAM_GLN | F.01U.249.774

XGS-4 Groundstack Kit
XGS-4 groundstack kit for XLD or XLE and XCS312
Order number XGS-4_GLN | F.01U.249.775

XLN GRID_GLN Grid for XLD concert version black
XLD system aluminum grid for up to 16 x XLD281/XLD291 or 5 x XCS312
Order number XLN GRID_GLN | F.01U.249.772

XLVC-TAE Tilt Angle Extender
Tilt angle extender for XLD and XLE systems
Order number XLVC-TAE_GLN | F.01U.249.777

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