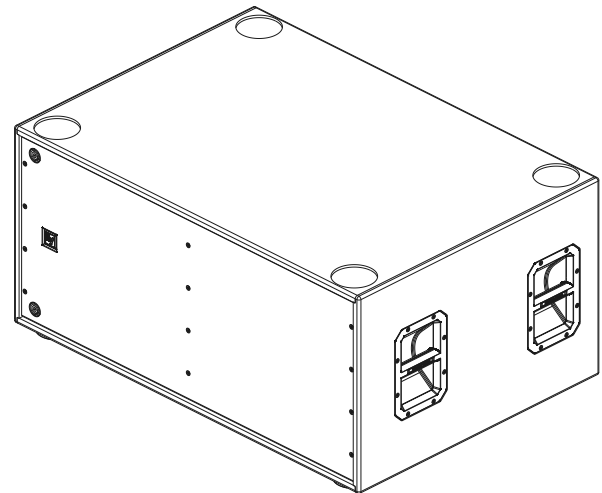


X12-128 Dual 18" subwoofer groundstack black



- High-output, high-impact dual 18 inch ground stack subwoofer system.
- Dual front and rear signal connection points for flexibility in system configurations, including cardioid setup for increased focus of low-frequency output.
- Compact cabinets with low-profile footprint, suitable for under-stage applications.
- Super-high-output DVF4180 woofers for low distortion at extremely high SPLs.
- 102 dB sensitivity (1 W/1 m half space); 138/144 dB maximum SPL (Continuous/Peak).



The X-Line Advance X12-128 subwoofer produces the greatest low-frequency impact and performance EV has ever developed. It is truly a state-of-the-art compact cabinet that delivers more LF output in a smaller footprint than other subwoofers available today. In addition to its extremely high output capability, the X12-128 is designed to acoustically match seamlessly with any X-Line Advance top cabinet as a ground stack subwoofer. Electro-Voice line-array configuration software accurately provides fast array configuration for coverage results. It also provides information for the creation of steered/shaped subwoofer arrays. It offers superior configuration flexibility for easier system design and setup, making it the standout subwoofer choice for any larger-format live or installed audio application.

Parts included

Quantity	Component
1	Subwoofer
1	Warranty card

Technical specifications

Frequency response (-3 dB) ¹ :	27 - 200 Hz
Frequency response (-10 dB) ¹ :	23 - 1950 Hz
Coverage (H x V):	Omni directional
Rec. high-pass frequency:	27 Hz
Max calculated SPL ¹ :	138 dB continuous, 144 dB peak

Configuration:	Parallel mode: Both woofers are internally wired in parallel on Pins 1+/1- Dual mode: Each woofer is wired separately on Pins 1+/1- and 2 +/2-.
Axial sensitivity ¹ :	102 dB (1 W/1 m)
Passive power handling ² :	4000 W continuous, 16,000 W peak
Impedance:	(1) 4 ohm (parallel mode), (2) 8 ohm (dual mode)
LF transducer:	2 x 18 in DVF4180
Connectors:	(4) NL8 type connectors (Two in front and two in back)
Enclosure:	13-ply weather resistant birch with EVCoat, internally braced
Grille:	14 GA powder coated galvanized
Dimensions (H x W x D):	519 mm x 1103 mm x 764 mm (20.42 in x 43.42 in x 30.06 in)
Net weight:	88.45 kg (195 lb)
Shipping weight:	93.2 kg (205 lb)

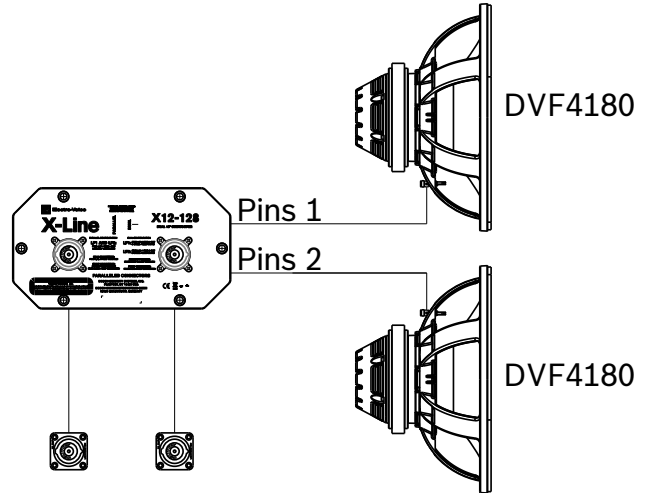
¹Half-space anechoic measurement of single element.

²AES 2-1984 power test.

Architectural and engineering specifications:

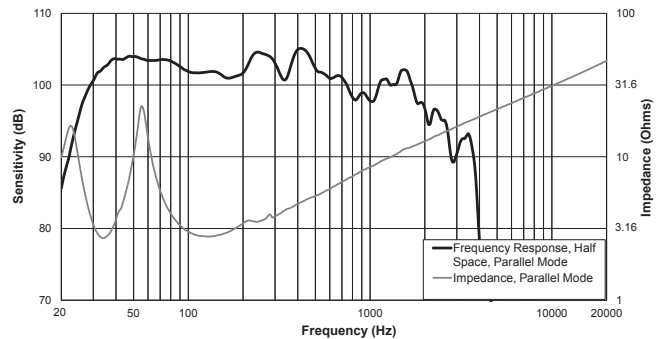
The loudspeaker system shall be a one-way passive system with dual NL8 type input connectors, where in dual mode pins 1 +/- shall be wired to one low-frequency transducer and pins 2 +/- shall be wired to the second low-frequency transducer for two independent 8 ohm nominal loads. Pins 3 +/- and 4 +/- shall be wired as pass thru between connectors on rear

panel only. Two additional NL8 type connectors shall be provided on front grill to facilitate system connectivity when system is used in cardioid mode. Pins 1 +/- and 2 +/- shall be paralleled to rear input panel connectors, and pins 3 +/- and 4 +/- shall not be connected. When used in parallel mode, both low-frequency transducers shall be connected in parallel on pins 1 +/- for a 4 ohm nominal load, and pins 2 +/-, 3 +/- and 4 +/- shall be wired as pass thru between connectors on rear panel only. The system shall have two 18-inch, low-frequency transducers with a nominal impedance of 8 ohms each. The system shall be capable of being used in 2 x 8 ohm or 1 x 4 ohm configuration by using an internal switchable connector. The 18-inch transducers shall have dual 4-inch copper wire voice coils. The low-frequency transducers shall have a power-handling capacity of 2000 watts each for 8 hours (per AES 2-1984). The loudspeaker enclosure shall be constructed of 18 mm, 13-ply birch and shall be rectangular in shape. The grille shall be constructed from 14 GA powder-coated galvalume backed with acoustically transparent fabric. The system shall be capable of very high-level operation with a bandwidth of 27 Hz to 200 Hz (-3 dB down point). The system dimensions shall be 110.49 cm (43.42 in) wide by 51.75 cm (20.42 in) high by 76.35 cm (30.06 in) deep. Net weight shall be 88.5 kg (195 lb). The loudspeaker shall be the X12-128 from Electro-Voice.



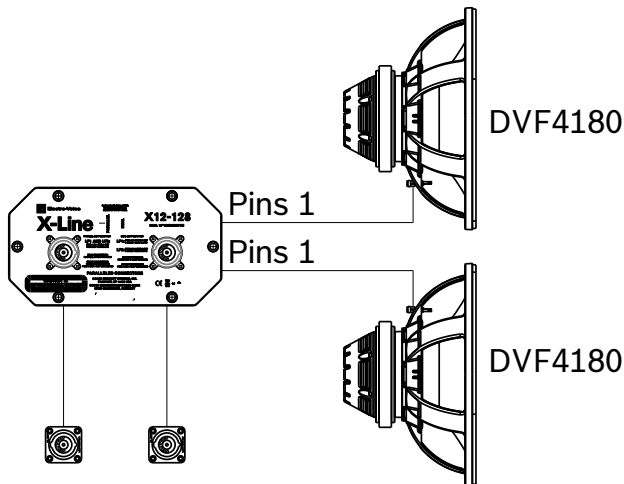
Front mounted NL8 connectors Pin Sets 1 and 2 only

Frequency response and impedance:



Block diagram parallel mode:

Internal jumper set for PARALLEL operation

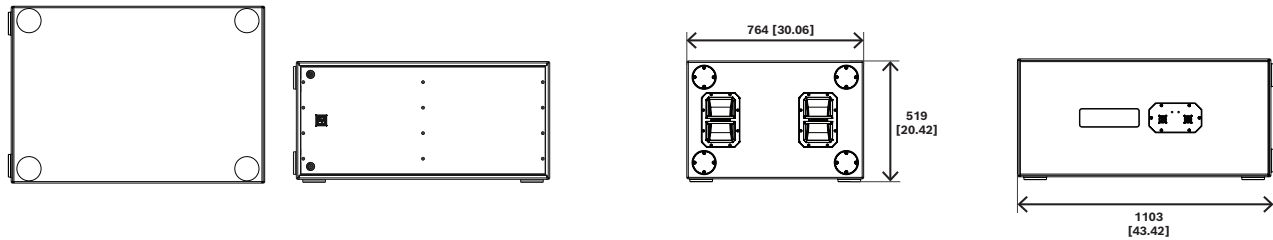


Front mounted NL8 connectors Pin Sets 1 and 2 only

Block diagram dual mode:

Internal jumper set for DUAL operation

Dimensions:



mm [in]

Compatible System Solutions:

- _____ X1-212/90 90° Full-Range Line Array Element
- _____ X2-212/90 90° Full-Range Line Array Element
- _____ X1-212/120 120° Full-Range Line Array Element
- _____ X2-212/120 120° Full-Range Line Array Element
- _____ X12-125F 15" flying subwoofer

Compatible System Solutions, Electronics:

N8000-1500 NETMAX Controller including DSP-2 Extension for a total of 1800 MIPS processing power, 120 V. * This must be ordered as two separate items: (1) N8000 120 V and (1) DSP-2.¹

OM-1 OMNEO card, replacement DM-1 Dante Module (Note that Dante transport is fully functional, but the OMNEO OCA control interface is not compatible with N8000.)

Dynacord IPX20:4 DSP power amplifier 4x5000W, install

Dynacord TGX20 DSP power amplifier 4x5000W, live

¹Contact your sales representative for available voltage versions.

i Notice

This loudspeaker system is also compatible with certain legacy Electro-Voice and Dynacord amplifiers that have an RCM-28 network card installed.

Ordering information

X12-128 Dual 18" subwoofer groundstack black

1-way 2 x 18-in non-flying subwoofer, black

Order number **X12-128 | F.01U.302.585**

Accessories

X12-128-DOLLY Transport dolly X12-128

Dolly for two X12-128 non-flying subwoofers, black

Order number **X12-128-DOLLY | F.01U.308.182**

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