

Xi-1191A, Xi-1191AF

18-Inch True Subwoofer Sound Reinforcement System



Key Features:

- **EVX-180B Low-Frequency Driver: Excellent Linear Excursion, Superior Thermal Capability**
- **Available Flying (Xi-1191AF) and Non-Flying (Xi-1191A) Versions**
- **Ring-Mode Decoupling / RMD™**
- **Built-In L-Track Rigging**
- **Available in Black or White**
- **Footprint Identical to Xi-1153A, Xi-1183A, Xi-2153A, Xi-2181A, Xi-2122MHA and Xi-1122MHA**
- **Step-Down Tuning (28 Hz)**



General Description:

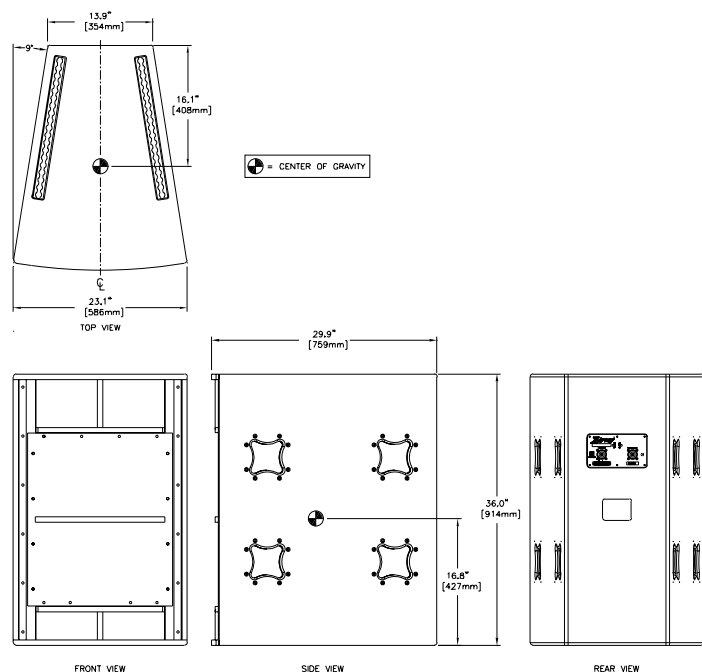
The Electro-Voice® Xi-1191A and Xi-1191AF subwoofer loudspeaker systems are part of the Xi-A series and are intended for high-level sound reinforcement for fixed-installation and touring-sound applications. The Xi-1191A(F) is a single 18-inch loudspeaker system designed to be used with the Klark Teknik DN9848 as well as the Electro-Voice Dx38 digital sound processor. These units all provide frequency division, time delay and equalization, and are appropriate for use with these subwoofers in connection with other full-range Xi-A series products. The Xi-1191A(F) is a vented-box design that utilizes a single EVX-180B subwoofer. This subwoofer features a 102-mm (4-inch) voice coil and an extremely high XMAX (maximum linear excursion) for very-high sound pressure levels at very-low frequencies. The Xi-1191A(F) enclosure is constructed of 18-mm, 13-ply, birch plywood and is available in a black or white textured-paint finish. The flying system includes four full-track flying points (two on the top and two on the bottom). Both flying (Xi-1191AF) and non-flying (Xi-1191A) versions are available. The Xi-1191A(F) loudspeaker system is an ideal choice for any professional installation or regional touring application where accurate low-frequency sound reproduction at high sound-pressure levels is required. The Xi-1191A(F) with Dx38 Digital Signal Processor create the ideal solution to subwoofer applications where high acoustic power is required from 32 Hz to 160 Hz. The Xi-1191A(F) is designed specifically to be used in conjunction with the full-range Xi-A systems (such as Xi-1122A/85, Xi-1152A/64 & /94, Xi-1123A/106, Xi-2123A/106, Xi-1153A/64, Xi-1183A/64, Xi-2153A/64, Xi-1122MHA/64 and Xi-2122MHA/42).

Technical Specifications:

Freq. Response ¹ (-3 dB):	37 Hz - 150 Hz
Freq. Range ¹ (-10 dB):	32 Hz - 160 Hz
Max Calculated SPL:	134 dB (Peak)
Coverage:	Omnidirectional
Power Handling:	600W Continuous, 2400W Peak
LF Sensitivity:	100 dB
LF Impedance:	8 ohms Nominal
LF Transducer:	(1) EVX-180B 18" (457mm) Driver,
Connectors:	Two Neutrik Speakon® NL8MPR
Enclosure Material:	18-mm, 13-ply birch plywood
Grille:	16 GA Steel
Dim (H x W x D):	914 x 586 x 759 mm (36.0" x 23.1" x 29.9")
Net Weight (each):	68.0 kg (150 lbs)
Shipping Weight:	72.1 kg (159 lbs)

¹ Half Space measurement with a Dx38 Controller

Dimension Drawings (Flying Version Shown):



Wiring/Connection Chart:

LF:	Pins 1 In Pins 2 Out
Pins 3 & 4 Paralleled Between Connectors	

Xi-1191A Part Numbers

- 1147-3422 - Black
- 1147-3425 - White

Xi-1191AF Part Numbers

- 1147-3419 - Black
- 1147-3426 - White

Performance Match

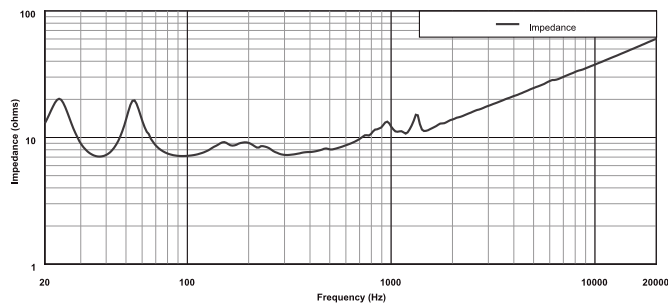
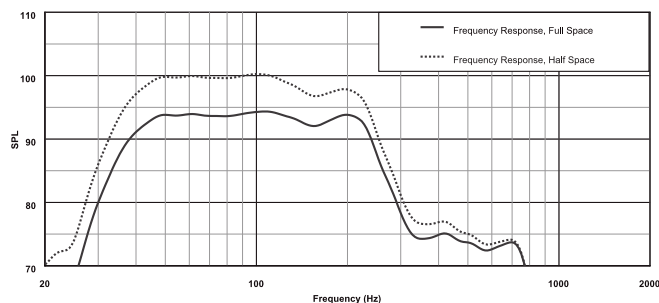
- P3000 (RL) • CPS 2.8 • Dx38
- P1200 (RL) • CPS 2.11



CAUTION

This Xi Loudspeaker should be suspended overhead only in accordance with the procedures and limitations specified in the *X-Array Xi Install Flying 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.

Frequency Response (Full & Half Space): Impedance:



Architectural & Engineering Specs:

The loudspeaker system shall be a low frequency system with performance controlled by the processors listed in this engineering data sheet. The loudspeaker system shall have a single 18-inch low-frequency woofer. The woofer shall have an 8-ohm, 4-inch-diameter voice coil constructed of aluminum wire, which shall be capable of handling a 600-watt shaped pinknoise signal with a 6-dB crest factor for 8 hours (as per ANSI/EIA RS-426A & AES 2-1984). The loudspeaker system shall have a sensitivity of 100 dB (1 watt at 1 meter). The loudspeaker system shall have an enclosure constructed of 18-mm, 13-ply birch plywood and shall have a vinyl-clad steel grille. The flying version shall employ flying hardware of a "track" style and two tracks on the enclosure top and two tracks on the enclosure bottom. The loudspeaker dimensions shall be 914 mm (36.00 in.) high, by 586 mm (23.07 in.) wide and 759 mm (29.88 in.) deep and shall weigh 68.2 kg (150 lbs).

The loudspeaker shall be the Electro-Voice® Xi-1191A or Xi-1191AF.



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800/392-3497 Fax: 800/955-6831

Europe, Africa, and Middle East only. For customer orders, contact Customer Service at:

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800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO

Specifications subject to change without notice.