

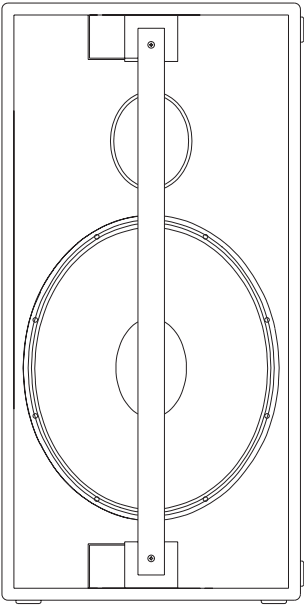
General Product Description

The Rx-118S is a dedicated subwoofer loudspeaker system that incorporates the EVX-180B 4-inch voice coil driver for maximum LF power with minimum box volume. This vented, 600-watt system easily provides 126 dB SPL 1 W/1 m (132 dB peaks 1 W/1 m) at full power in a rectangular enclosure that is stable and readily stacks for extra energy or slides easily under even the lowest stages. The Rx-118S cabinet has recessed safety handles for ease of transport and includes a M 20 thread for pole mount use with full-range cabinets without the need for extra mounting stands. The rear of the cabinet includes four M 12 threaded T-nuts for affixing the wheel-bar kit. The M-118S processing module for modular P-series amplifiers provides optimized processing for fullrange use, or in combination with any of Rx-series subwoofers.

Rx-118S
Subwoofer Loudspeaker System



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S Y S T E M S



Speaker Description

LF Section & Components	EVX-180B 18-inch woofer in vented enclosure
HF Section & Components	N/A
System Configuration	Subwoofer
Powering Configuration	Active crossover, M 118 module for P 1201/P 1202 amplifier
Recommended Active High-Pass Frequency (12 dB/octave min.)	36 Hz
Recommended Active Crossover Frequency (24 dB/octave min.)	100 Hz
Cabinet Type (shape)	Rectangular
Enclosure Materials	13-ply birch plywood
Finish	Black textured paint
Connectors	Two Neutrik NL4
Suspension Hardware	None
Grille	Powder-coated perforated steel
Accessories	2 x Wheel-bar kit M-118S processing module for P 1201, P 1202 system amplifier PCL 880 pole mount

Rx-118S

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Speaker Characteristics

Frequency Response

-10dB	40 Hz-400 Hz
-10dB*)	36 Hz-130 Hz

*) using M-118S module

Axial Sensitivity

SPL, 1 watt @ 1 m, half-space	101 dB
SPL, 1 watt @ 1 m, full-space	98 dB

Impedance

8 ohms

Power Handling

Long-term EIA	600 watts
Short-term peak	2400 watts

Calculated Maximum Output SPL

Half-space, long-term	128 dB
Half-space, peak	134 dB
Full-space, long-term	125 dB
Full-space, peak	131 dB

Nominal Coverage Angle

Horizontal (-6 dB)	305°
Vertical (-6 dB)	300°

Dimensions

Height	900 mm	(35.43 in.)
Width at front	450 mm	(17.72 in.)
Depth	600 mm	(23.62 in.)

Weights

Net Weight	47,5 kg (100 lb)
Shipping Weight	50,5 kg (109 lb)

Architects' and Engineers' Specifications

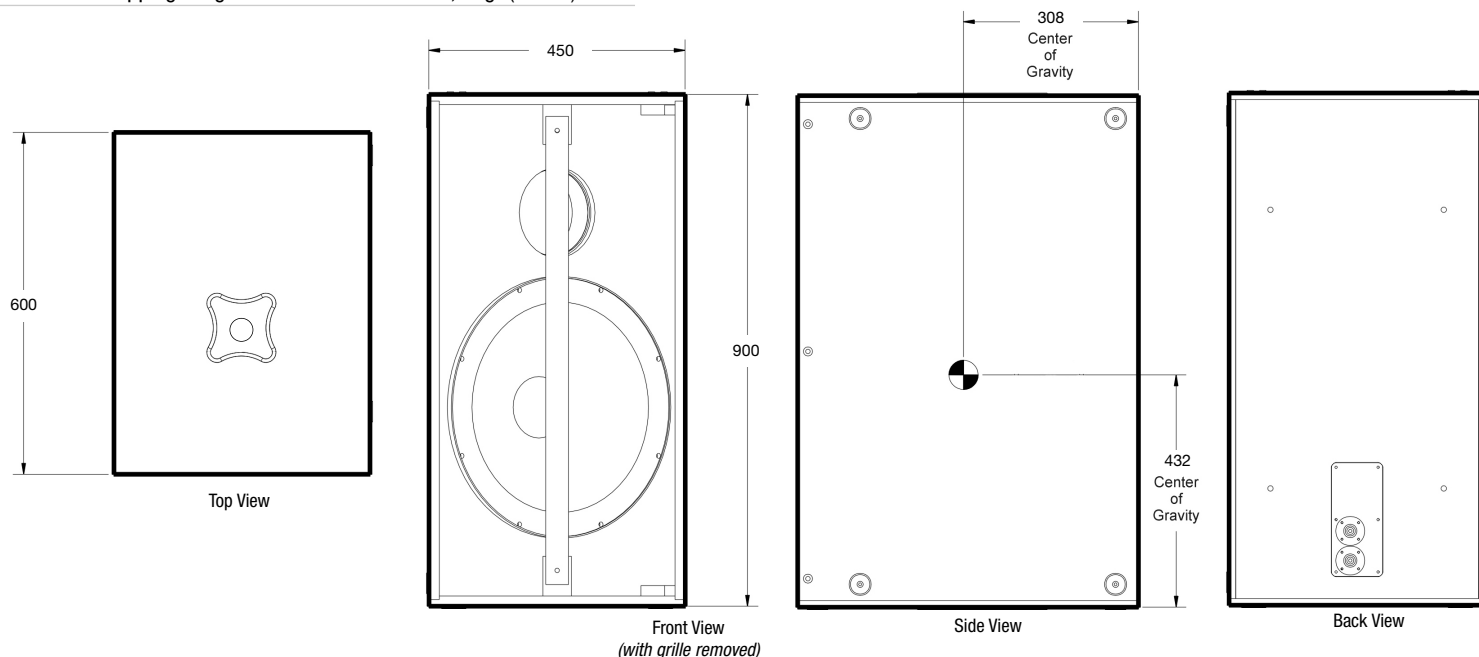
Rx-118S

The dedicated subwoofer loudspeaker system shall incorporate one 18-inch transducer with a 4-inch voice coil and cast aluminum basket in a vented enclosure tuned for optimum low frequency extension. The input panel shall have two paralleled NL4 connectors.

Usable system frequency response shall be 40 Hz to 400 Hz measured on axis. The loudspeaker shall be capable of producing a sound pressure level (SPL) of 98 dB on axis (full-space) at 1 meter with a power input of one watt. It shall be capable of sustaining a full power, long term average output of 125 dB on axis at 1 meter with instantaneous peaks of 131 dB. The subwoofer shall handle 600 watts of amplified power long-term in compliance with AES-EIA standards and have a nominal impedance of 8 ohms.

The loudspeaker enclosure shall be constructed of 13-ply void-free cross-grain-laminated birch plywood. It shall be finished in black textured paint. It shall be of a rectangular shape with flat sides for stacking. Handles shall be recessed within the top and bottom of the enclosure and of such design to allow safe handling from any direction. There shall be a M 20 thread for a pole mount located in the top handle of the cabinet.

The subwoofer loudspeaker system shall be the Electro-Voice® model Rx-118S.



Electro-Voice®

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