

WorxAudio® S-XL5

All-In-One, Weatherized
5-Module Outdoor Line Array



- Exceptional 160° horizontal dispersion reduces the number of speakers needed for effective coverage
- Specifically designed to withstand temperature extremes and moisture
- Fiberglass seal coating and polyurea inside and out, with UV exterior outdoor protection
- Five 1.4-inch exit-diameter compression drivers with 3-inch voice coils
- Ten 8-inch LF transducers with 2-inch voice coils
- 2,000W LF, 750W HF power handling
- 147 dB SPL max @1W/1 meter
- 55 Hz to 18 kHz response (-3 dB)
- 16-foot, 14 AWG, 300V Aquaseal water block cable with gland nuts
- Internal bracket w/threaded 0.375-inch flying points (x17)

■ Weatherized construction for demanding outdoor applications:

- ◆ Fiberglass seal coating and polyurea inside and out, with UV exterior outdoor protection designed to withstand temperature extremes and moisture
- ◆ Sturdy multi-ply Baltic birch plywood enclosure
- ◆ Multi-layered, m catalyzed Polyurea finish
- ◆ Perforated powder coated steel grille with high transmission ratio over weather-resistant mesh that blocks water intrusion

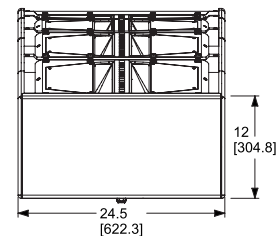
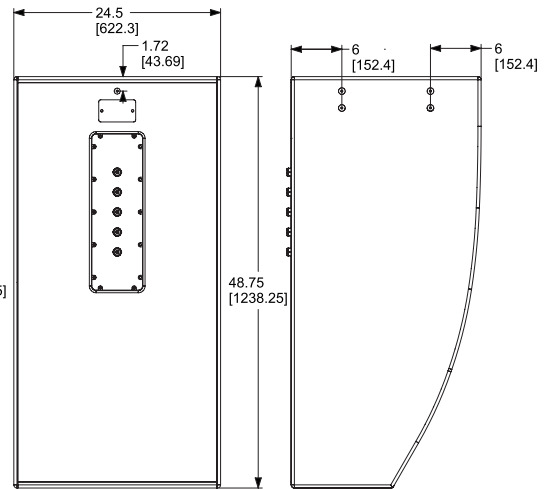
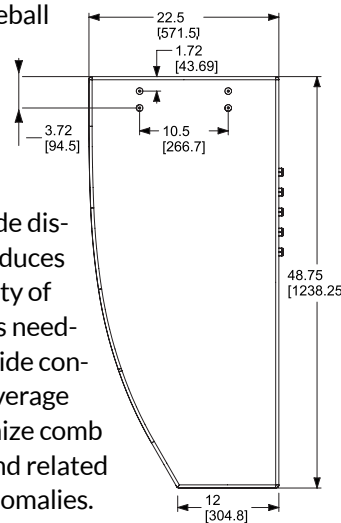
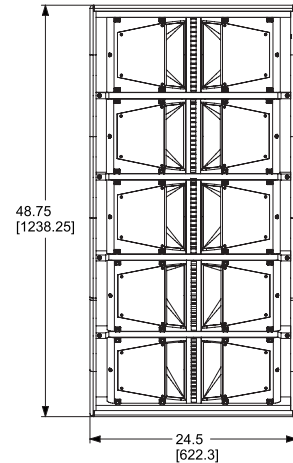
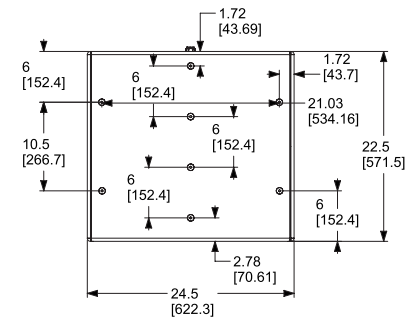
For larger stadiums and athletic complexes, the ultra-powerful S-XL5 is in a class of its own.

Extremely weather-resistant, the S-XL5 delivers an impressive 160° horizontal by 40° vertical dispersion pattern in the most demanding environments, such as football and soccer fields, baseball stadiums, and amusement parks.

The wide dispersion reduces the quantity of enclosures needed to provide consistent coverage and minimize comb filtering and related audible anomalies.

The result is performance and durability that are unparalleled, with output up to 147 dB SPL.

Using ten 8-inch, 200 W (2000 W total) cone drivers and five 1.4-inch exit diameter compression drivers in a tuned, curved enclosure, the S-X5 provides a symmetrical horizontal coverage pattern, ensuring the sound



has minimal distortion and smooth, extended low frequency response.

It is available as a biamp system.

S-XL5 enclosures are manufactured using Baltic birch cross-laminated wood and finished with a polyurea coating (inside and out), with UV exterior outdoor protection and a fiberglass seal coating inside and out.

The stainless steel fasteners will maintain their appearance, while a stainless steel, perforated grille, backed with a vinyl mesh, completes each system.

A perforated, powder-coated steel grille with a high transmission ratio offers excellent protective properties. The custom designed flyware enables the user to easily array the system to the precise desired coverage area.

System Performance	
Frequency Response (-3 dB) ¹	55 Hz - 18 kHz
Frequency Range (-10 dB)	45 Hz - 20 kHz
Recommended Highpass	50 Hz, with minimum 24 dB / octave (4th Order) Butterworth slope
Nominal Dispersion @ -6 dB	Horizontal: 160° Vertical: 40°
Recommended Crossover Frequency	1.2 kHz (acoustic, active, external DSP)
RMS Handling Capacity ²	LF: 2000 W HF: 750 W
Pressure Sensitivity ³ @ 1W/1m	147 dB (WorxAudio preset)
Nominal Impedance)	LF = 4 ohms, HF = 8 ohms, BiAmped x (5) modules

Transducers

Components	LF: 8" (203.2 mm) x 10 HF: 1.4" exit (35.56 mm) x 5
Voice Coil	LF: 2.0" (50.8 mm) HF: 3.0" (73.2 mm)

Physical

Enclosure	Baltic birch plywood, engineered plastics, and aluminum frame
Finish	Two-part spray catalyzed Polyurea coating on plywood
Grille	14 gauge (1.0 mm) perforated steel, powder-coated finish, black
Environmental	Outdoor use
Connectors	Weather-resistant gland nut with 16' cable
Suspension/ Mounting	Internal bracket with threaded 0.375" flying points
Dimensions	48.75" H x 24.5" W x 18" D (1238.25 mm x 543 mm x 457 mm)
Net Weight	275 lb. (124.73 kg)
Shipping Weight	290 lb. (131.54 kg) approximate with carton
Product Versions	S-XL5

Footnotes:

- 1 Frequency response and range measured on-axis with recommended active EQ in an anechoic environment.
- 2 Power handling tested using pink noise filtered to meet IEC 268-5, 6 dB crest factor, 100 hours, with recommended EQ.
- 3 Sensitivity measured in free field (no boundary-loading gain) with recommended active EQ, referenced to 1W/1m. Maximum SPL calculated from sensitivity and power handling specifications, exclusive of power compression

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