

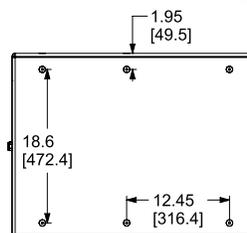
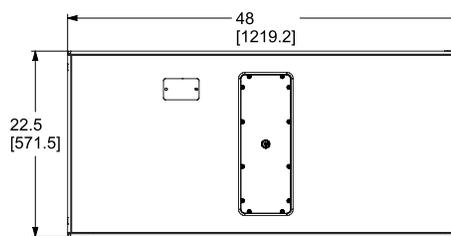
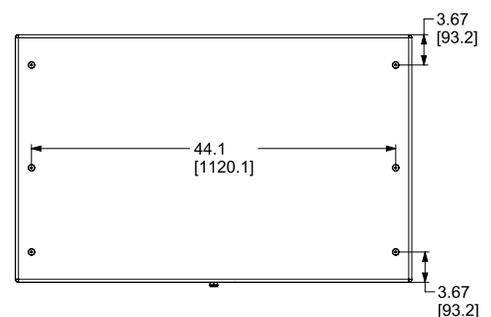
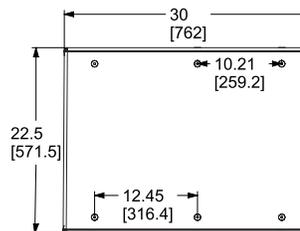
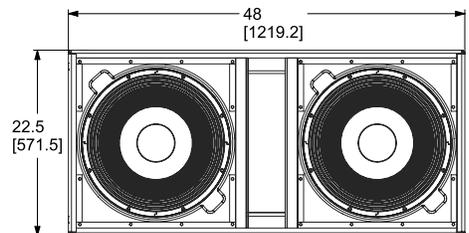
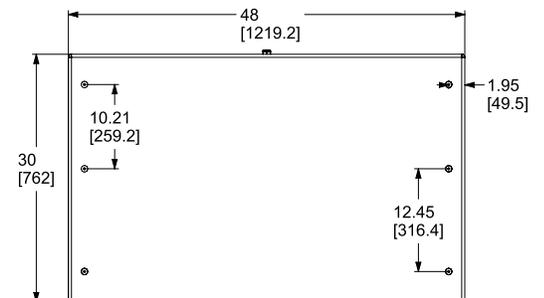
WorxAudio® S-TL218SS

Weatherized Extreme High SPL
Extended Bass Loudspeaker
System

The S-TL218SS is the rugged, outdoor version of our popular TL218SS Super Sub design. It complements our outdoor line arrays, delivering 25 Hz to 150 Hz sub-bass in the most demanding environments,

such as football and soccer fields, baseball stadiums, and amusement parks.

Dual 18-inch, 4,000W low-frequency transducers with 4.5-inch voice coils provide maximum output with minimal distortion and smooth extended low frequency response.



- Specifically designed to withstand temperature extremes and moisture
- 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, catalyzed Polyurea finish
 - ◆ Perforated powder coated stainless steel grille with high transmission ratio over weather-resistant mesh that blocks water intrusion
- Two 18-inch LF transducers with 4.5-inch voice coils
- 4,000W power handling
- 143 dB SPL max @1W/1 meter
- 25 Hz to 150 Hz response (-3 dB)
- Omni or cardioid directivity
- 12-foot, 4-conductor, Aquaseal water block cable with gland nuts; each module is wired separately, requiring two (2) power inputs
- Internal bracket w/24 threaded 0.375-inch flying points

The design, with tuned enclosure, provides minimal distortion and smooth, extended low-frequency response.

The 21-ply Baltic Birch highly braced enclosure and 24mm thick baffle board construction provide unsurpassed rigidity and strength.

To further increase performance in outdoor venues, the S-TL218SS can be arrayed with omni or cardioid directivity, depending on placement.

Its enclosure is 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.

System Performance	
Frequency Response (-3 dB) ¹	35 Hz - 150 Hz
Frequency Range (-10 dB)	30 Hz - 250 kHz
Recommended Highpass	30 Hz, with minimum 24 dB / octave (Butterworth) slope
Nominal Directivity	Omni or cardioid
Recommended Crossover Frequency	90 Hz (acoustic, active, external DSP)
RMS Handling Capacity ²	LF: 4000 W
Pressure Sensitivity ³ @ 1W/1m	143 dB (WorxAudio preset)
Nominal Impedance)	8 ohms

Transducers	
Components	LF: 18" (457.2 mm) x 2
Voice Coil	LF: 4.5" (114.3 mm)

Physical	
Enclosure	Baltic birch plywood, engineered plastics
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	22.5" H x 24.5" W x 22.5" D (571 mm x 622 mm x 571 mm)
Net Weight	285 lb. (129.27 kg)
Shipping Weight	295 lb. (133.8 kg) approximate with carton
Product Versions	S-TL218SSS

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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