

# ST-118S

## ST SERIES



### FEATURES

- + 1200 W (AES) power handling.
- + 128 dB continuous SPL output.
- + Equipped with premium Fane driver.
- + 34 - 1200 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + Matt black, sand-based paint finish.
- + Twin Neutrik Speakon NL4 connectors.
- + 35 mm pole mount adapter with M20 screw fitting.
- + Quick release rear castor plate adapters.

### APPLICATIONS

- + Fixed supplementary bass reinforcement for clubs, bars, live music venues and theatres.
- + Portable supplementary bass reinforcement for medium sized clubs, bars, live music venues and theatres.
- + High performance monitoring.



# ST-118S

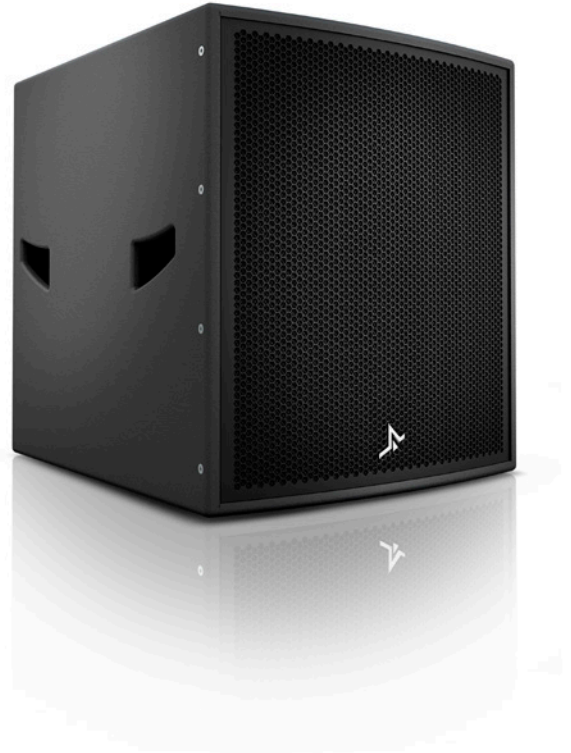
## 18-INCH, PASSIVE TOURING SUBWOOFER SYSTEM

Characterized by exceptional sound quality and robust engineering, the ST-118S subwoofer stands as a prime choice for bass reinforcement within main PA systems. It proves itself apt for various applications, including touring, as well as permanent installations in medium-sized venues. Designed to harmonize seamlessly with the ST series full-range loudspeakers, this enclosure is furnished with an optimized, high-excursion Fane 18" driver, boasting a 4" voice coil and a cast frame. Notably, the driver's advanced motor system design is engineered to minimize power compression, a feature that significantly contributes to maintaining pristine audio quality during operation.

The cabinet design incorporates noise-reducing optimized bass-reflex ports and internal bracing, both of which enhance the acoustic characteristics of the enclosure. As a result, the ST-118S is adept at delivering dynamic and high-output bass response, extending down to an impressive 28 Hz.

Durability is a hallmark of the ST-118S, as evidenced by its construction using 18mm and 24mm exterior-grade, void-free birch plywood. The matt black, sand-based paint finish further fortifies the enclosure against the rigours of the road. Protecting the front of the cabinet is a robust black powder-coated steel grille with a hexagon pattern, bolstered by an acoustic mesh backing.

Designed with practicality in mind, the cabinet features a 35 mm pole mount adapter with an M20 screw fitting, catering to versatile mounting preferences. Four flush side handles are provided. The rear of the cabinet is equipped with four quick-release castor plates, facilitating effortless attachment of widely available castors (not supplied). This blend of meticulous design, exceptional components, and user-oriented features solidifies the ST-118S as a reliable and performance-driven subwoofer option.



<b>Power Handling</b>	1200 W (AES)
<b>Program</b>	2400 W
<b>Peak</b>	4800 W
<b>Nominal Impedance</b>	8 Ω
<b>Average Sensitivity</b>	98 dB @ 1W/1m
<b>Calculated Maximum SPL / 1m</b>	128 dB (continuous)
<b>Program</b>	131 dB (program)
<b>Peak</b>	134 dB (peak)
<b>Frequency Response (-6dB)</b>	34 Hz - 1.2 kHz
<b>Manufacturing Consistency</b>	30 Hz to 300 Hz (±3 dB)
<b>Nominal Directivity (-6dB)</b>	Omnidirectional
<b>Recommended Amplifier</b>	≤ 1600 W @ 8Ω
<b>Recommended Crossover</b>	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
<b>Crossover</b>	No, active usage only with external electronic crossover, Fane recommended DSP
<b>Low Frequency Driver</b>	Fane transducer, 8Ω impedance with 60 mm peak-peak excursion, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

<b>Flying Hardware</b>	8x M8 points with internal metal brackets
<b>Pole Mount</b>	35 mm with M20 screw fitting
<b>Connectors</b>	2 Neutrik Speakon NL4
<b>Cabinet</b>	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
<b>Finish</b>	Matt black, sand-based paint
<b>Cabinet Size (HxWxD)</b>	671 x 590 x 689 mm
<b>Shipping Carton Size (HxWxD)</b>	721 x 640 x 739 mm
<b>Weight</b>	60 kg net 65 kg gross

