

# 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.
- + Proprietary HardTex paint finish with matt black topcoat.
- + 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

Exceptional sound quality and rock-solid engineering makes the ST-118S subwoofer suitable for bass reinforcement in main PA systems, touring or permanent installs in medium sized applications. The perfect solution for complementing the ST series full range loudspeakers, the enclosure is loaded with an optimised, high-excursion, Fane 18" (4" voice coil) cast frame driver featuring an advanced motor system design that minimises power compression. This, in combination with noise reducing optimised bass-reflex ports and internal bracing, ensures that the ST-118S is capable of delivering efficient dynamic and high-output bass response down to 28 Hz.

The enclosure is constructed from 18 mm and 24 mm exterior grade, void-free birch plywood and finished in touring grade, black HardTex paint. A strong black powder-coated steel grille with hexagon pattern and acoustic mesh backing protects the front of the cabinet. The cabinet also features a 35 mm pole mount adapter with M20 screw fitting, shaped recesses for safe stacking with other ST series models and four flush side handles along with four quick release castor plates on the rear of the cabinet for ease of handling (fits widely available castors, not supplied).



<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
<b>Peak</b>	134 dB
<b>Frequency Response (-6dB)</b>	34 - 1200 Hz
<b>Manufacturing Consistency</b>	± 3 dB from 30 to 300 Hz
<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 Aluminium pot 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>	Proprietary HardTex, sand based paint with matt black topcoat finish
<b>Cabinet Size (HxWxD)</b>	665 x 590 x 689 mm
<b>Shipping Carton Size (HxWxD)</b>	715 x 640 x 739 mm
<b>Weight</b>	60 kg net 65 kg gross
<b>Accessories</b>	4x Quick release castor plates

