



PROFESSIONAL LOUDSPEAKERS

# T-CLASS / TSS118

SUBWOOFER

## SPECIFICATIONS (See notes 1 and 2)

**Loudspeaker Type:** Subwoofer

**Operating Range:** 30 Hz - 150 Hz

40 Hz - 100 Hz (+/-3B)

**Max Input Ratings:** 400W continuous, 1000W program

57 volts RMS, 126 volts momentary peak

**Recommended Power Amp:** 830W to 1200W @ 8 Ohms

**Sensitivities 1W/1m:**

96 dB SPL (50 Hz - 125 Hz 1/3 octave bands)

**Maximum Output:** 122 dB SPL / 129 dB SPL (peak)

**Nominal Impedance:** 8 Ohms

**Min Impedance:** 6.8 Ohms @ 120 Hz

**Nominal -6dB Beamwidth:** 360° H x 360° V

**Axial Q / DI:** 1 / 0, 40 Hz - 150 Hz

**Recommended Signal Processing:**

70 Hz - 100 Hz crossover (for biamp)

30 Hz high pass filter

**Drivers:** LF (1) 18"

**Input Connection:** (2) Neutrik NL4MP

**Controls:** None

**Enclosure:** 13-ply 18 mm Baltic Birch

**Enclosure Hardware:** (10) Ergo-Grip handles

**Mounting / Rigging Provisions:**

(8) 3/8-16 rigging points,

W.L.L. 300 lb. vertical pull each

(3) seat track

**Grille:** 16 gauge perforated steel (see options)

**Required Accessories:** None

**Supplied Accessories:** None

**Optional Accessories:**

3/8-EYBLTKIT: (4) forged 3/8-16 eyebolts

DSC52: digital speaker controller

TSS Cover: Black corduroy, nylon padded

TFR Dolly: Wheelboard with casters

**Dimensions:**

**Height:** 25.1 in. / 637.5 mm

**Width Front:** 25.45 in. / 646.4 mm

**Width Rear:** 12.1 in. / 307.3 mm

**Depth:** 33.55 in. / 852.2 mm

**Weight:** 142 lb. / 64 kg

**Shipping Weight:** 146 lb. / 66.2 kg

1. Sensitivity: Free field pink noise measurement at 20 ft / 6.1 m at 75% power;

extrapolated to 1 meter and an input of 2.83 volts RMS.

2. Watts: All wattage figures are calculated using the rated nominal impedance.



## APPLICATIONS:

- Sound Reinforcement/Portable Sound Systems
- Clubs / DJ
- Dance/Nightclubs
- House of Worship
- Athletic Field Houses (basketball, skating/ice hockey rinks, etc.)
- Theatres and Performing Arts Centers, Convention Centers

## FEATURES:

- Rugged Baltic Birch
- Ergo-Grip Handles
- Integral Fly Track
- Tuf-Coat™ Exterior
- Stacking Feet and Cups

## DESCRIPTION

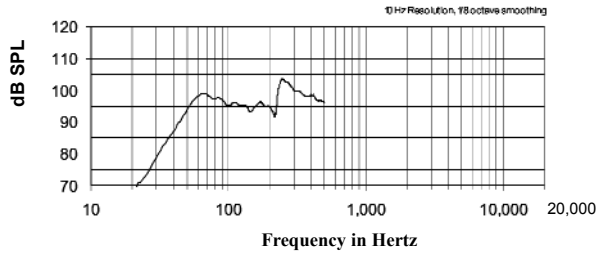
The TSS system is a single 18" direct radiating subwoofer housed in the same-sized enclosure as the TFR systems. This allows for great flexibility in array configurations because full-range TFR cabinets can be interspersed with TSS subwoofers to create a wide variety of coverage patterns, intensity capabilities, and sub/full-range balances.

Operable between 30-150 Hz, the potent subwoofer system posts power handling figures of 400W RMS/1000W program, and high sensitivity rated at 96dB(1W/1m).

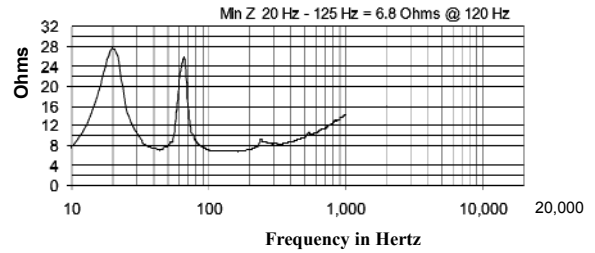
Five-year limited non-component warranty.

Two-year limited component warranty.

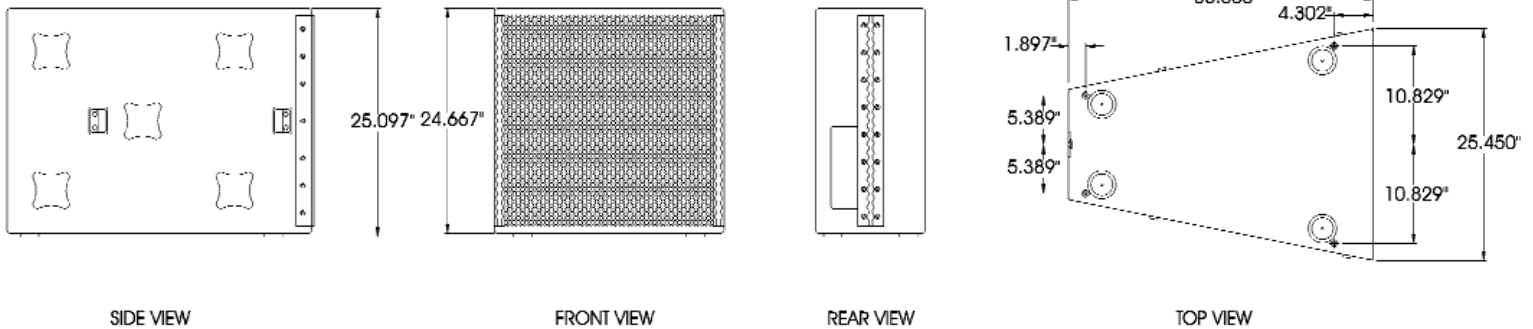
## FULL-RANGE FREQUENCY RESPONSE



## IMPEDANCE



## DIMENSIONS



## ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker system shall be a vented bass reflex trapezoidal design with one 18in. woofer. There shall be two Neutrik NL4MP input connectors. The loudspeaker enclosure shall be well-braced 18mm 13-ply Baltic birch with a 16 gauge perforated steel grille and finished with black powdercoat. There shall be eight 3/8-16 integral threaded mounting points connected to internal steel bracing. The system shall have an amplitude response of 40 Hz to 100 Hz (+/- 3 dB), input capability shall be 57V RMS, with a sensitivity of 96 dB at one meter and 2.83V / 8 ohms nominal impedance. The nominal dispersion shall be omni-directional throughout the operating range. The loudspeaker shall be 25.1"(637.5mm) H, 25.45"(646.4mm) W(front), 12.1"(307.3mm) W(rear) x 33.55"(852.2mm) D and weigh 142 lbs. (64 kg).

The subwoofer system shall be the Community Model TSS118.