

# LS-118 SUBWOOFER



## GENERAL:

- **Woofer Size :** 18.00" (457mm)
- **Voice Coil Diameter:** 4.00" (100mm)
- **Magnet Type:** Neodymium
- **High efficiency / low extension** woofer design
- **Advanced** neodymium magnetic motor structure
- **Lightweight 18-inch carbon fiber loaded cone** with progressive, high excursion, constant geometry triple roll surround
- **Dual spider design** with silicone based dampening control
- **4-inch, inside/outside wound, high temperature composite polyamide coil assembly**
- **Innovative voice coil ventilation system** for higher output and lower power compression

## PERFORMANCE SPECIFICATIONS:

- **Frequency Response:** 36 Hz – 120Hz (-3dB)  
32 Hz – 140Hz (-10dB)
- **One Cabinet**
  - **Sensitivity:** 98 dB @ 1W/1 Meter
  - **Max SPL Long-term:** 130 dB
  - **Max SPL Peak:** 136 dB
- **Four Cabinets**
  - **Sensitivity:** 104dB 1W/1 Meter
  - **Max SPL Long-term:** 136 dB
  - **Max SPL Peak:** 142 dB

## CONSTRUCTION FEATURES:

- **Front Loaded** with bent bass reflex porting
- **Hardware/Flyware:** (8) M10 attachment points
- Four bottom and four top feet allows cabinet to be stacked in a variety of positions
- **Locating and locking cutouts on top and bottom** surfaces allows stacking of additional LS-118 and LS-212 cabinets
- **M20 pole mount feature**
- **Dimensions (inch):** 27.55" W x 23.72" H x 29.52" D
- **Dimensions (mm):** 700mm W x 602.6mm H x 750mm D
- **Weight (lbs/kg):** 115 lbs (52Kg)

## SETTINGS & IMPEDANCE:

- **Recommended high pass:** 24 db/Oct at 35 Hertz.  
See website for additional processor settings and details.
- **Nominal Impedance:** Single cabinet is 8 ohms, NL4 connector can be used to connect 2 cabinets in parallel (4 ohms) as well as passing signal thru for connection to another LS-118 running in 8 ohm mode
- **Amplification**
  - **Continuous Power Rating:** 1200W AES (8 Ohms)
  - **Program/Peak Power:** 2400W/3600W (8 Ohms)
  - **Recommended Amplification:** 3000W (8 Ohms)

Specifications subject to change without notification.