

F118S

FOCUS SERIES



FEATURES

- + 800 W (AES) power handling.
- + 127 dB continuous SPL output.
- + Equipped with Precision Devices driver.
- + 28 - 350 Hz usable frequency range.
- + Void-free birch plywood enclosure construction.
- + 4 point Flying System.
- + Twin Neutrik Speakon NL4 connectors.

APPLICATIONS

- + Large bars, clubs and auditoriums.
- + Stadiums and live events.



F118S

18-INCH SUB BASS SYSTEM

The F118S emerges as a compact pendant subwoofer, boasting an impressive frequency range spanning from 30Hz to 200Hz (-10dB). This purposeful design finds its place alongside the F10 full-range speakers within the Focus series, effectively extending the system’s low-frequency response. A notable feature is its remarkable phase response, enabling seamless integration with both full-range speakers and subwoofers.

Housed within the cabinet is an 18-inch neodymium unit (100mm voice coil), a creation by Precision Devices. The cabinet’s design incorporates a phase reversal technique, ensuring the absence of airflow noise even during dynamic playback of the ordinary woofer. The phase reversal port, with its generous outlet area, significantly enhances the output efficiency of this port. This enhancement leads to a heightened output of ultra-low frequency energy, concurrently curbing nonlinear distortion within the low-frequency range. The high-transient low-frequency driver, in harmony with the finely tuned enclosure, delivers a harmonious amalgamation of low-frequency force and depth, remarkably achieving a peak sound pressure level of 133dB.

The F118S cabinet’s design is grounded in practicality. Ergonomically positioned on each side are twin FANE special handles, streamlining the stacking and maneuvering of the speakers. Four rubber feet grace the cabinet’s bottom, while four foot grooves adorn the top, facilitating convenient ultra-low array stacking. The cabinet’s construction employs 18mm birch plywood, wrapped in a wear-resistant black water-based two-point paint finish. The cabinet’s black perforated iron mesh, backed with acoustically transparent foam, effectively guards against moisture and dust, ensuring the protection of the speaker unit and guaranteeing optimal performance and longevity.



Power Handling (AES)	800 W (AES)
Program	1600 W
Peak	3200 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	127 dB (continuous) 130 dB (program) 133 dB (peak)
Frequency Response (-6dB)	35 Hz - 200 Hz (±3 dB) 30 Hz - 200 Hz (-10 dB)
Manufacturing Consistency	30 Hz to 250 Hz (±3 dB)
Nominal Directivity (-6dB)	Omnidirectional
Recommended Amplifier	≥ 1600 W @ 8Ω (no clip) in specified frequency response
Recommended Crossover	LPF: 30 Hz HPF: 300 Hz
Crossover	No, active usage only with external electronic crossover, Fane recommended DSP
Low Frequency Driver	Precision Devices transducer, 8Ω impedance 18" (460 mm) diameter, high temperature voice coil on glass fibre former, long-throw driver

Flying Hardware	4 point flying system
Connector	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm exterior grade, void-free, birch plywood
Finish	Black Polyurea Coating
Cabinet Size (HxWxD)	566 x 750 x 650 mm
Shipping Carton Size (HxWxD)	661 x 850 x 745 mm
Weight	55 kg net 57.5 kg gross

