

SV-218 S

SV-218S subwoofer system is suitable for bass reinforcement for main PA systems, touring or permanent installations in medium to large stages, indoor or outdoor live performances, arenas, stadiums, night clubs, houses of worship, auditoriums and theatres.

KEY FEATURES

- High performance compact subwoofer
- 30Hz usable frequency
- Real 1600W RMS power handling (EIA 8 hours Standard)
- Equipped with famous FANE long excursion Driver
- Rock solid void-free birch plywood cabinet
- Touring grade HardTex coating with sanded black matt finish
- Complete line of hardware accessories
- DSP preset support on associated electronics

ACOUSTIC SPECIFICATIONS

Power Handling	1600W RMS (EIA 426A standard) 3200W programme / 6400W peak
Nominal Impedance	4 Ω (4.5 Ω minimum at 35Hz)
Average Sensitivity	102dB/2.83V/1m (average 50~1,000Hz wideband)
Calculated Maximum SPL / 1m	134dB continuous / 137dB programme / 140dB peak
Frequency Response (-6dB)	32~1300Hz
Manufacturing Consistency	+/- 3dB from 100 to 1,000 Hz
Nominal Directivity (-6dB)	Omnidirectional (cardoid presets available on FANE DSP amplifiers)
Recommended Amplifier	Up to 3200W at 4 Ω (no clip) in specified frequency response
Recommended Crossover	Low pass: 70 to 125Hz 24dB/oct Linkwitz-Riley High pass: 30Hz 18dB/oct Butterworth
Low Frequency Driver	2x FANE transducers 8 Ω impedance 18" (460mm) diameter 4" high temperature voice coil on glass fibre former
Crossover	No, active usage only FANE DSP recommended

ADDITIONAL SPECIFICATIONS

Flying Hardware	Not Available
Pole Mount	35mm metal
Connectors	2pcs NEUTRIK Speakon NL4MP 1+/-: speaker Input 2+/-: Link
Cabinet	CNC made with tongue and groove assembly 18mm and 24mm Russian birch plywood exterior grade
Finish	Proprietary HardTex sanded coating, black matt
Cabinet Size (HxWxD)	561x1060x768mm
Packing Carton Size (HxWxD)	625x1124x832mm
Weight	85kg net 91kg gross
Optional Accessories	Flight case with 100mm wheels Abrasive resistant cover bag M8 Eye bolt kit Adjustable coupling bar



ARCHITECTURAL SPECIFICATIONS



The subwoofer system shall be active, consisting of two 18" (460mm) direct radiating reflex loaded low frequency transducer with high excursion ability. The frequency response shall be 36 to 1300Hz in half space with less than ± 3 dB variation. Power handling shall be 1600W RMS, 6400W peak by EIA 426A standard (8 hours pink noise) average wideband (50-1000Hz). Efficiency on axis shall be 102dB/1W/1m and maximum SPL shall be 134dB continuous / 140dB peak. Rated impedance shall be 4 Ω s nominal.

The stackable enclosure shall be of a void free multi-laminate Russian birch ply construction with sealed internal bracing, metal 35mm pole mount and threaded M8 inserts for ceiling

mounting. The screws shall be stainless steel 316L with 200 hours coating per ASTM-B117. The finish shall be a black matt multi layer HardTex water based painting with hardness higher than 75Hv. The front of the enclosure shall be protected by a black matt dual layer coated (powder + acrylic) 1.5 mm thick steel acoustically transparent grille. Dimensions shall be (WxHxD) 561x1060x768mm and Weight 85kg. The loudspeaker system shall be the FANE SV-218S