

SV-8

SV-8 loudspeaker system is suitable for near field main PA reinforcement with subwoofer, portable system or permanent installation, wall, stand, or ceiling mountings, monitoring for vocals, delay fill or under balcony complementary diffusion.

KEY FEATURES

- Hi-fidelity sound without any EQ
- Real 250W RMS power handling (EIA 8 hrs Std)
- Equipped with premium FANE Drivers
- Elliptic 80°x60° low resonance glass fibre horn
- Multi purpose cabinet design for FOH or monitor use
- Rock solid void-free birch plywood cabinet
- Touring grade HardTex coating with sanded black matt finish
- Complete line of flying hardware accessories
- DSP preset support on associated electronics

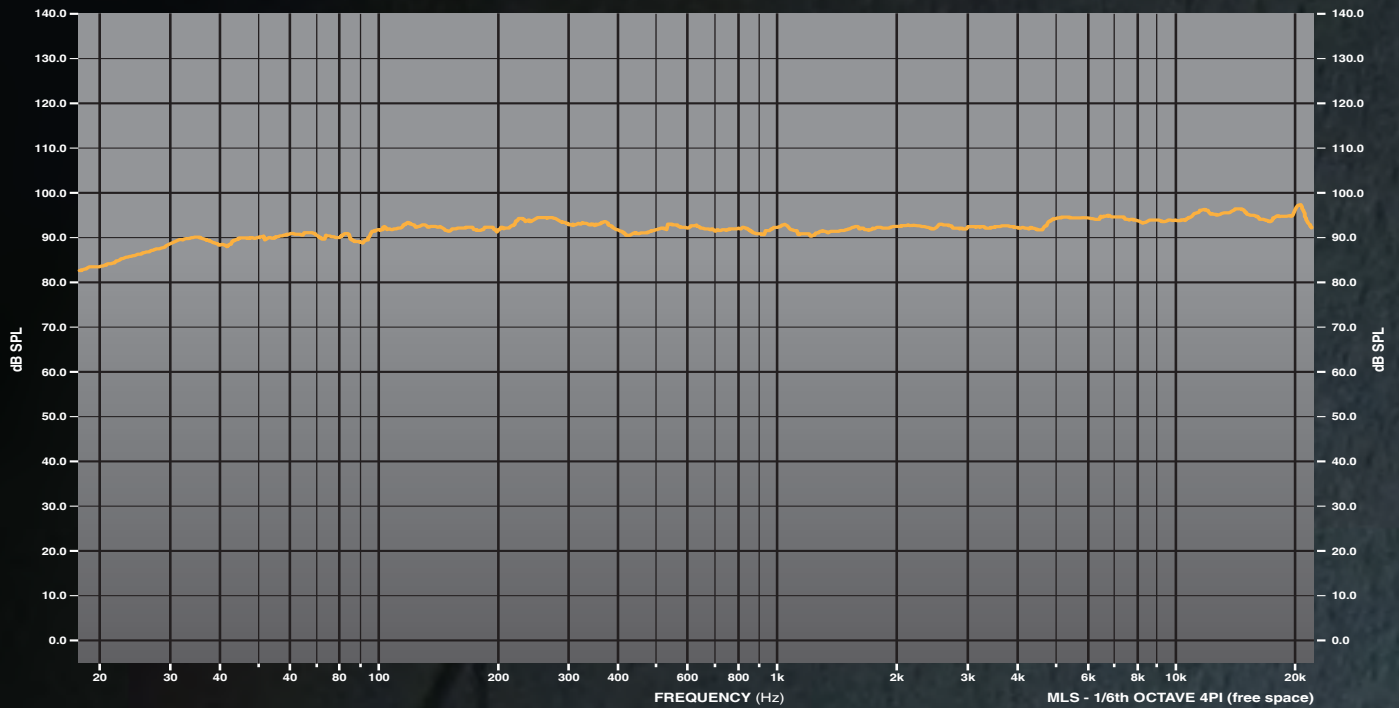
ACOUSTIC SPECIFICATIONS

Power Handling	250W RMS (EIA 426A standard) 500W programme / 1000W peak
Nominal Impedance	8 Ω (7.6 Ω minimum at 66Hz)
Average Sensitivity	95dB/2.83V/1m (average 200~16,000Hz wideband)
Calculated Maximum SPL / 1m	119dB continuous / 122dB programme / 125dB peak
Frequency Response (-6dB)	58~18500Hz
Manufacturing Consistency	+/- 3dB from 200 to 10,000 Hz
Nominal Directivity (-6dB)	80x60 degrees above 1800Hz
Recommended Amplifier	Up to 500W at 8Ω (no clip) in specified frequency response
Recommended Low Cut	Full range: 50Hz 18dB/oct Butterworth Top: 70 to 140Hz 24dB/oct Linkwitz-Riley
Low Frequency Driver	FANE transducer 8Ω impedance 8" (200mm) diameter 2" high temperature voice coil on glass fibre former
High Frequency Driver	FANE Compression Driver 8Ω impedance 1" (25mm) exit, 1.34" (34mm) voice coil Titanium diaphragm
Crossover	Passive mode only 3kHz Right Phase design 250V polypropylene capacitors Air core inductors on HF Aluminium housed resistors

ADDITIONAL SPECIFICATIONS

Flying Hardware	5 M8 points with internal metal brackets 4 M8 points compatible with Powerdrive Type 45 mounting accessories or equivalent omnimount system
Pole Mount	Yes with optional adapter
Connectors	2pcs NEUTRIK Speakon NL4MP 1+/-: speaker Input 2+/-: Link
Cabinet	CNC made with tongue and groove assembly 15 mm Russian birch plywood exterior grade
Finish	Proprietary HardTex sanded coating, black matt
Cabinet Size (HxWxD)	430x280x298mm
Packing Carton Size (HxWxD)	494x344x352mm
Weight	10kg net 11.5kg gross
Optional Accessories	Flight case with 100mm wheels (for 4pcs) Abrasive resistant cover bag M8 Eye bolt kit Wall mounting bracket U Mounting bracket Flying adapter Compatible with Powerdrive type 75 and Omnimount 35mm pole mount adapter

FREQUENCY RESPONSE DATA



ARCHITECTURAL SPECIFICATIONS



The loudspeaker system shall be a passive, 2 way type consisting of one 8" (200mm) direct radiating reflex loaded low frequency transducer and one 1" (25mm) exit / 1.34" (34mm) voice coil HF compression driver that is mounted on a constant directivity elliptic glass fibre horn that provides a nominal coverage angle of 80° (horizontal) by 60° (vertical). The frequency response shall be 65 to 18000Hz in half space with less than ± 3 dB variation. Low and high frequency sections shall be integrated by an internal 3kHz passive crossover network with Right Phase technology and 18dB/oct slopes. Power handling shall be 250W RMS, 1000W peak by EIA 426A standard (8 hours pink noise) average wideband (200-16000Hz). Efficiency on axis shall be 95dB/1W/1m and maximum SPL shall be 119B continuous / 125dB peak. Rated impedance shall be 8 Ω s nominal.

The multi-angled enclosure shall be of a void free multi-laminare Russian birch ply construction with sealed internal bracing, multi position 35mm pole mount and threaded M8 inserts for wall and 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) 280x430x298m and Weight 10kg. The loudspeaker system shall be the FANE SV-8