S218X

STELLAR SERIES

FEATURES

- Produces thick and elastic bass sound.
- Precision Devices Dual high-power, 18-inch, 5-inch voice coil bass drivers.
- High-performance, front-loaded, inverted-phase enclosure design.

APPLICATIONS

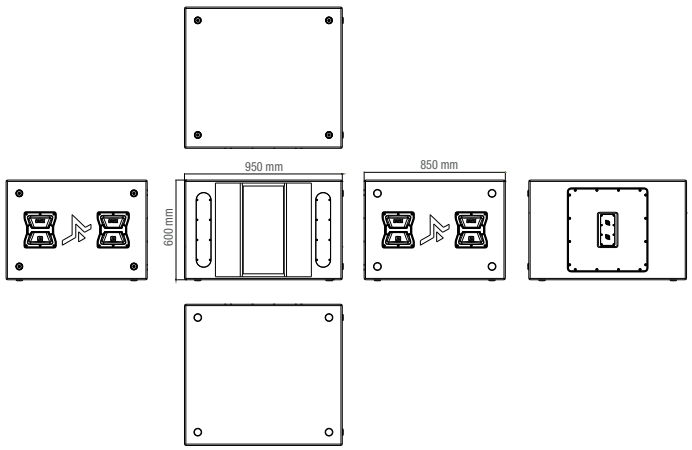
- Party-style KTV, KTV sound reinforcement.
- Used in bars, nightclubs and other places.

S218X

DUAL 18-INCH, PASSIVE SUBWOOFER SYSTEM

The S218X is a dual 18-inch front-loaded inverted phase subwoofer, offering a frequency range of 30Hz to 150Hz (-10dB). Equipped with two high-power low-frequency drivers, each boasting a 5-inch (125mm) voice coil from Precision Devices, the S218X subwoofer incorporates a well-designed magnet ventilation structure, effectively managing the temperature when operating at high power and reducing the occurrence of power compression in the speaker. The internal cabinet design includes a filtering mechanism that eliminates the common airflow noise associated with dynamic movements of typical low-frequency drivers. This results in a significant boost in energy output in the ultra-low frequency range and a reduction in non-linear distortion in the lows. The 18-inch low-frequency drivers employ rigid and durable cone structures along with copper wire voice coils, ensuring that the speaker delivers a sound experience characterized by both impactful strength and thickness.

The S218X subwoofer is a versatile addition to any sound setup, enabling an enhanced low-frequency presence in applications ranging from dynamic KTV parties to bustling nightclubs. Its innovative design and technical features make it a perfect companion to other FPA speakers, offering a cohesive and immersive audio experience.

Power Handling **Program** **Peak**	2400 W (AES) 4800 W 9600 W
Nominal Impedance	4 Ω
Average Sensitivity	100 dB @ 1W/1m
Calculated Maximum SPL / 1m **Program** **Peak**	134 dB (continuous) 137 dB (program) 140 dB (peak)
Frequency Response	35 Hz - 150 Hz (± 3 dB) 30 Hz - 150 Hz (± 10 dB)
Manufacturing Consistency	35 Hz to 150 Hz (±3 dB)
Nominal Directivity (-6dB)	N/a
Recommended Amplifier	≥ 1600 W @ 4Ω (no clip) in specified frequency response
Recommended Crossover	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
Crossover	No, active usage only, Fane recommended DSP
Low Frequency Driver	2 Precision Devices transducers, 8Ω impedance 18" (460 mm) diameter, 5" high temperature voice coil on glass fibre former

Pole Mount	N/A
Connectors	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)	600 x 950 x 850 mm
Shipping Carton Size (HxWxD)	720 x 1070 x 965 mm
Weight	102 kg net 105 kg gross