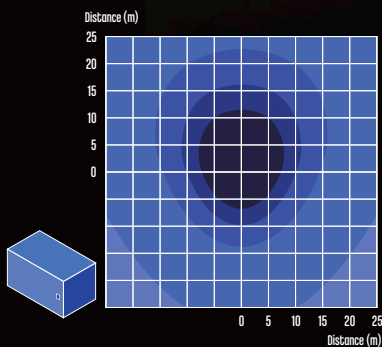
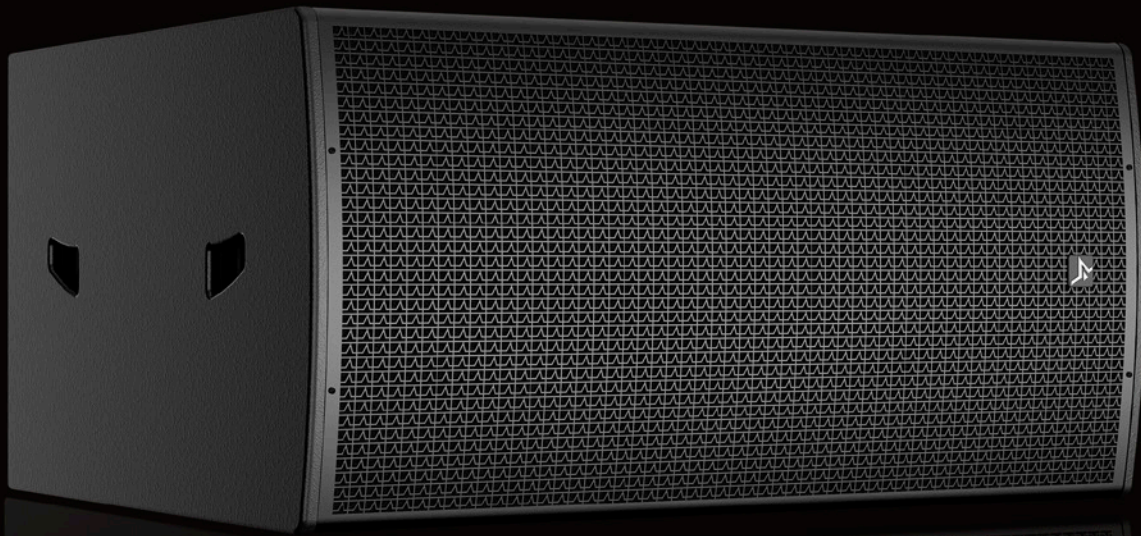
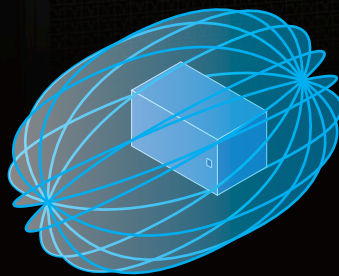


# HP-218

## HP SERIES



SPL COVERAGE OF HP-218 SPEAKER



PORTED ENCLOSURE



PD DRIVERS



OMNIDIRECTIONAL

### FEATURES

- + Precision Devices High-efficiency and high-rigidity cone 18-inch woofer.
- + Ported enclosure.
- + Ergonomic built-in handle.
- + Warm vibrant bass.

### APPLICATIONS

- + Party-style KTV, bar, nightclub.
- + High-end clubs, clubs, concert halls.
- + Restaurant, school, church, meeting rooms.
- + Leisure and entertainment venues, performing arts centres, theatres.



# HP-218

## DUAL 18-INCH, PASSIVE SUBWOOFER SYSTEM

The HP-218 is a high-efficiency dual 18-inch ported subwoofer featuring two low distortion 18-inch woofers. It offers a frequency range of 28Hz to 200Hz (-10dB) and is designed to complement the HP series full-range speakers or other similar series. Its purpose is to extend the low-frequency response of sound reinforcement systems. It is also well suited to compliment any of the FPA bass products for ultimate bass reinforcement.

Utilizing two high-power low-frequency drivers with a 4-inch (100mm) voice coil from Precision Devices. Equipped with effective ventilation in their magnetic circuit structure, which efficiently lowers the operating temperature of the drivers during high-power usage, thus reducing instances of power compression in the speaker. The HP-218 port design, internal structure and large exit area significantly reduces the typical airflow noise associated with conventional low-frequency cabinet designs during dynamic operation, enhancing the efficiency of the tuned ports output, resulting in increased energy output in the ultra-low-frequency range and reduced low-frequency non-linear distortion. The high transient low-frequency driver strikes a perfect balance between power and delivery in the low frequency domain.

HP-218, boasting a 2000W AES power rating can achieve an impressive peak sound pressure level of 136dB.

Featuring two recessed wooden handles on each side of the enclosure for convenient stacking or transportation. The enclosure's bottom is equipped with four rubber feet, while the top yields four footpad recesses, facilitating easy stacking of subwoofers for array configurations. The enclosure's surface is coated with a durable black water-based semi-gloss paint, and it is constructed using 18mm plywood. The enclosure's surface is coated with a durable black water-based semi-gloss paint, and it is constructed using 18mm plywood.



<b>Power Handling Program Peak</b>	2000 W (AES) 4000 W 8000 W
<b>Nominal Impedance</b>	4 Ω
<b>Average Sensitivity</b>	98 dB @ 1W/1m
<b>Calculated Maximum SPL / 1m Program Peak</b>	130 dB (continuous) 133 dB (program) 136 dB (peak)
<b>Frequency Response (-6dB)</b>	35 Hz - 200 Hz (±3 dB) 28 Hz - 200 Hz (-10 dB)
<b>Manufacturing Consistency</b>	35 Hz to 200 kHz (±3 dB)
<b>Nominal Directivity (-6dB)</b>	Omnidirectional
<b>Recommended Amplifier</b>	≥ 1600 W @ 8Ω
<b>Recommended Crossover</b>	LPF 70 - 125 Hz, 24 dB/ Oct Butterworth/ Linkwitz-Riley
<b>Crossover</b>	No, active usage only, Fane recommended DSP
<b>Low Frequency Driver</b>	2 Precision Devices ferrite transducer, 8Ω impedance, 18" (460 mm) diameter, 4" high temperature voice coil on glass fibre former

<b>Pole Mount</b>	35 mm
<b>Connectors</b>	2 Neutrik Speakon NL4
<b>Cabinet</b>	CNC made with tongue and groove assembly, 18 mm void-free, exterior grade, birch plywood
<b>Finish</b>	Black water-based paint
<b>Cabinet Size (HxWxD)</b>	580 x 1160 x 940 mm
<b>Shipping Carton Size (HxWxD)</b>	700 x 1320 x 1040 mm
<b>Weight</b>	98 kg net 102 kg gross

