

HPX-SERIES

High power subwoofers for tour and fixed installations



INTRODUCTION

The HPX-series high-power subwoofers is designed for reproducing controlled low frequencies at astounding high SPL with low distortion levels. designed for tour and installation with line array, point-source or hornloaded systems. All five models are available in passive version powered by any of our 19" systems DSP-amplifier, or active versions with built in amplifier modules and on-board DSP with several presets to chose from depending on application, setup and need. The HPX-series can be stacked, used in cardioid mode or end-fire array, presets and settings are available both for the active and passive versions.

FEATURES

- ▶ Six different models and sizes, where each model is available active or passive
- ▶ From single 18" compact subwoofer to 21" infra subwoofer and hornloaded 2x12"
- ▶ Front-loaded tuned bassreflex design (HB2121HPX hornloaded)
- ▶ Heavily braced cabinet design with special tour-enduring paint.
- ▶ Same presets in the DSP in the active versions as in the DSP in external 19" DSP systems amplifiers for the passive versions
- ▶ Cardioid presets available for optimal dispersion pattern and aimable cancellation
- ▶ Neodymium high-power magnet for linear excursion with very high power handling
- ▶ Very long peak to peak excursion
- ▶ Compact size

MODEL	B18HPX (A)	B21HPX (A)	B2HPX (A)	B6HPX (A)	B221HPX	HB212HPX (A)
Design	Direct radiating, front-loaded tuned bassreflex					Horn-loaded
Components	1 x 18"	1 x 21"	2 x 15"	2 x 18"	2 x 21"	2 x 12"
Power Handling cont.	3400W	4000W	6400W	6800W	8000W	4000W
Voice Coil	4,5" (116 mm.)	6" (153 mm.)	4,5" (116 mm.)	4,5" (116 mm.)	6" (153 mm.)	4" (100mm.)
Peak to peak excursion	60 mm.	60 mm.	60 mm.	60 mm.	60 mm.	30 mm.
Frequency responce	30Hz-120Hz	25Hz - 100Hz	35Hz-120Hz	30Hz-120Hz	25Hz - 90Hz	30Hz - 120Hz
Sensitivity	101dB	99dB	103dB	104dB	102dB	109dB
Max SPL (calc. peak)	138,5dB	138dB	143dB	144dB	144 dB	148dB
Nominal Impedance	8 ohm	4 ohm	4 ohm	4 ohm	2 x 4 ohm	4 ohm
Dimensions	W60xH60xD65	W60xH80xD65	W50xH100xD60	W60xH120xD65	W60xH120xD80	W70xH90xD125
Weight	56 kg.	65 kg.	90 kg.	110 kg.	130 kg.	130 kg.
Active version available	yes	yes	yes	yes	no	yes
Active version available	2400W class-D amplifier with DSP, several presetsm incl. cardioid, 90-250VAC wide mains power input, PFC		3000W (2x1500W) class-D amplifier with DSP, several presets, incl. cardioid setup. 90-240VAC wide power input. PFC (Power Factor Correction)			

