

HP-SERIES

High power subwoofers for portable sound and fixed installations.



B18HPA in a compact portable sound system, also supplying a passive CXL122 with 1050W DSP-processed amplification, with separate gain-controls for system tuning

INTRODUCTION

Our HP-series, direct radiating front-loaded, tuned bassreflex subwoofers all features a special heavy braced cabinet construction for minimum loss in energy, all models can be used either as single ended, stacked in cardioid configuration or in end-fire array. For the passive versions, all presets are available in our 19" systems loudspeaker DSP and in our 19" DSP-systems amplifiers.

The active versions features two amplifiers, where, for the single driver woofers, one amplifier supplies the internal woofer, and one is assigned to a Neutrik Speakon out, with separate gain control and several presets. The double woofer models (B2HPA and B6HPA) supplies 1050W into 8 ohm for each woofer.

The active single driver subwoofers (B11HP, B1HP and B18HP) in the HP-series can act like a master for driving an additional passive subwoofer either stacked or in cardioid configuration, or supply any of our portable passive fullrange speakers with DSP-processed amplification in a compact active portable sound systems.

FEATURES

- ▶ Five different models and sizes, where each model is available active or passive
- ▶ From single 12" compact subwoofer to double 18" subwoofer
- ▶ Front-loaded, direct radiating tuned bassreflex design
- ▶ 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
- ▶ Ferrite magnet with 4" voice coils
- ▶ Ventillated voice coil gaps, with double silicone spiders
- ▶ The single driver subwoofers (B11HPA, B1HPA and B18HPA) features a Neutrik Speakon out with 1050W dedicated DSP-controlled amplification, for driving either a passive subwoofer stacked, cardioid or in end-fire array, or a passive fullrange speaker, in an active portable compact, high-power sound system.

MODEL	B11HP (A)	B1HP (A)	B18HP (A)	B2HP (A)	B6HP (A)
Design	Active or passive direct radiating front-loaded tuned bassreflex				
Version	Passive / Active	Passive / Active	Passive / Active	Passive / Active	Passive / Active
Components	1 x 12"	1 x 15"	1 x 18"	2x15"	2 x 18"
Power Handling cont.	2000W	2000W	2400W	4000W	4800W
Voice Coil	4" (100mm.)	4" (100mm.)	4" (100mm.)	4" (100mm.)	4" (100mm.)
X max	9 mm.	9 mm.	9 mm.	9 mm.	9 mm.
Frequency responce	45Hz-120Hz	35Hz - 120Hz	30Hz-120Hz	35Hz - 120Hz	35Hz - 120Hz
Sensitivity	98dB	99dB	100dB	102dB	103dB
Max SPL (calc. peak)	137dB	138dB	139dB	141dB	142dB
Nominal Impedance	8 ohm	8 ohm	4 ohm	4 ohm	4 ohm
Dimensions	W40xH50xD50	W50xH50xD60	W60xH60xD65	W50xH100xD60	W60xH120xD65
Weight passive / active	35 kg. / 40kg.	40 kg. / 45 kg.	45 kg. / 50 kg.	75 kg. / 80 kg.	90 kg. / 95 kg.
Active version available	2x1050W class-D amplifier with presets (cardioid, omni, music, live, top out live, top out music), Speakon out for supplying passive full-range speaker or passive subwoofer. 90-250VAC wide power input, PFC (PowerFactor Correction)			2x1050W class-D amplifier with presets, (omni, cardioid, music, live) No speakon output, 90-250VAC wide power input, PFC (PowerFactor Correction)	

