

PXL118

Hybrid-Horn Subwoofer



- High SPL with good Low End
- Stunning impulse response accuracy
- Dynamic bass even under high SPL loads
- Long excursion 18"/100mm VC speaker
- 2 cabinets configurations for optimal coupling

OVERVIEW

The PXL118 makes use of a Hybrid design to achieve high maximum sound pressure while producing deep low bass well below 50 Hz. Even under maximum load the impulse response accuracy is striking.

The PXL118 is a subwoofer with a rich, punchy sound, specifically designed to match the PXH64 mid/high speaker extending its frequency response down to 50 Hz. Its cabinet shape, size and flying arrangements are totally compatible with the PXH64.

To achieve the highest possible sound pressure levels, the PXL118 is conceived as a hybrid bass horn and armed with a very powerful, long excursion, 100mm voice-coil, 18" woofer for precisely and powerful bass without any dynamic loss even under high SPL loads.

TECHNICAL SPECIFICATIONS

| Technical Data | |
|----------------------------------|---|
| Speaker Type: | Hybrid Horn-Loaded Bass Speaker |
| Acoustical Data | |
| Frequency Response (-6dB): | 42Hz - 180Hz |
| Low Frequency Extension (-10dB): | 34Hz |
| Sensitivity (1W@1m): | 104dB (Half-space) |
| Calculated Max. SPL (Cont/Peak): | 137.8dB/143.8dB (Half-Space) |
| Drivers | |
| Loudspeakers: | 1 x 18" (460mm)/4" (100mm) VC, high excursion, B&C custom speaker |
| Electrical Data | |
| Program/Peak Power: | 2400W/4800W (10ms) |
| Nominal Impedance: | 8 |
| Recommended Amplifier: | PXA8001 (Dedicated power rack) |
| Connectors: | 2 x Neutrik NL8 parallel wired |
| Enclosure | |
| Construction: | Braced 15mm multi-laminate birch ply |
| Finish: | Textured black semi-matte coating |
| Protective grill: | Black perforated steel |
| Fittings: | 16 x M8 threaded inserts for optional wheel kit, 12 x M8 threaded inserts for optional rigging system |
| Handles: | 1 on each side |
| Dimensions (WxHxD): | 600 x 766 x 641 mm |
| Net Weight: | 49.5 kg |