

MARTIN AUDIO PSX - Aktivni vufer

Šifra: 10862
Kategorija proizvoda: Aktivni Subwooferi
Proizvođač: Martin Audio

Cena: **946.800,00** rsd

The PSX's Class D amplifier section produces a total peak output of 2400W, with 1400W allocated to the 15" subwoofer and 1000W to drive the associated full-range system. Its lightweight, switched-mode power supply auto-ranges to global mains voltages from 100 to 240V 50/60Hz, and Power Factor Correction smoothes out the mains current draw over the whole of the AC waveform. The operating range of the PSX is 48Hz to 150Hz, with a peak SPL capability of 136dB at one metre.

Onboard DSP performs delay, crossover and EQ functions, while the PSX plus full-range system can be controlled and monitored from a laptop or wireless tablet PC via intuitive VU-NET™ proprietary software. PC connection can be made directly via micro USB, or via Martin Audio's proprietary U-NET™ network and Merlin loudspeaker and network management system.

An important feature of the PSX is its internal memory, which allows factory 'plug-and-play' or user-generated DSP preset 'snapshots' of the PSX/full-range combination to be recalled by means of a preset selector button on the rear panel, instead of using computer control.

The PSX's tour-grade plywood enclosure is coated in hard-wearing polyurethane and its Declon® backed steel grille is pre-curved to resist deformation in the field. Practical features include a pole-mount fitting in the top surface, bar handles and protective skids. When stacked, the skids on the base of the upper PSX enclosure align with recesses in the top of the enclosure below.

Options included a wheelboard for ease of transportation and a transit cover. For outdoor use, an optional rain cowl is available to protect the amplifier section from rain and direct sun.

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| Acoustical TYPE | Compact, self-powered 15" reflex loaded subwoofer |
| FREQUENCY RESPONSE (5) | 48Hz-150Hz ± 3dB -10dB @ 40Hz |
| MAXIMUM SPL (3) | 133dB continuous, 136dB peak |
| Driver | 1 x 15" (380mm)/4" (100mm) voice coil, ultra-long excursion, high efficiency ferrite magnet |
| Rated Power (2) | 800W AES, 3200W peak |
| Dispersion | Omnidirectional |
| Audio Input CONNECTORS | Female XLR input, male XLR link output |
| ANALOGUE INPUT IMPEDANCE | 20kΩ balanced to ground |
| MAXIMUM ANALOGUE INPUT LEVEL | 6.15Vrms (+18dBu), over voltage protected |
| AES/EBU IMPEDANCE | 110 ohms balanced, receive and transmit termination |

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| Internal Processing | Multi-channel DSP, programmable via network Up to 1 second of delay Sub output: up to 48dB/Oct LPF 8 PEQ/shelving filters Satellite output: up to 48dB/Oct HPF 8 PEQ/shelving filters Preset selection via rear panel switch |
| Network | |
| CONNECTORS | IP68 rated 8-way, quick-release type |
| PROTOCOL | U-NET |
| PC CONNECTION | Micro USB or via U-NET and Merlin controller |
| Amplifier Module | |
| TYPE | 2 channel switched-mode, class D |
| PEAK OUTPUT POWER | 2400W total 1400W PSX subwoofer 1000W full-range satellite system |
| CONNECTOR | 1 x NL4 output to satellite system |
| AVERAGE EFFICIENCY | 85% |
| COOLING | Internal fan Temperature controlled external fan |
| MAXIMUM AMBIENT TEMPERATURE | 45°C (113°F) for full output |
| Power Supply | |
| TYPE | Switch mode, fixed frequency with PFC |
| AC INPUT OPERATING RANGE | 100 - 240V ~ AC, 50 - 60Hz |
| AC OVERVOLTAGE TOLERANCE | 400V AC |
| POWER FACTOR | > 0.95 |
| NOMINAL POWER CONSUMPTION | 200W |
| MAINS CONNECTOR | Neutrik® Powercon True1 |
| General | |
| ENCLOSURE | Extensively braced multi-laminate birch-ply |
| FINISH | Textured black PU coating |
| PROTECTIVE GRILLE | Black HEX perforated steel, Declon® backed |
| FITTINGS | Two skids on base, with mating channels on top M20 top-mounted thread plate for pole Large bar handle on each side Two front-mounted latch plates for wheelboard Optional weather protection cowl |
| IP Rating | Indoor (without weather protection cowl) IP 25 (with weather protection cowl) |
| DIMENSIONS | (W) 500mm x (H) 565mm x (D) 574mm (674mm with vent flap open) (W) 19.6in x (H) 22.2in x (D) 22.6in (26.6in) |
| WEIGHT | 48.2kg (106.2 lbs) 56.7kg (124.9 lbs) inc wheelboard |
| Accessories | Variable height pole mount Transit cover with integral plywood lid Wheelboard with 4 x 100mm castors Tour-grade network interconnects Merlin Controller/U-NET Hub |