MARTIN AUDIO PSX - Aktivni vufer

Šifra: 10862
Kategorija prozivoda: 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.

Acoustical TYPE FREQUENCY RESPONSE (5) MAXIMUM SPL (3)	Compact, self-powered 15" reflex loaded subwoofer 48Hz-150Hz ± 3dB -10dB @ 40Hz 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 ANALOGUE INPUT IMPEDANCE MAXIMUM ANALOGUE INPUT LEVEL AES/EBU IMPEDANCE	Female XLR input, male XLR link output 20kΩ balanced to ground 6.15Vrms (+18dBu), over voltage protected 110 ohms balanced, receive and transmit termination
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