NEC PH1202HL

Order Code: 60003902   **NEC Laser Projector**

NEC's new bright **NEC PH1202HL** , a 3DLP Laser Installation Projector delivers all the benefits associated with the latest laser light source. With no lamp replacement necessary, maintenance is not required and longevity is assured. Achieving an outstanding colour gamut and supreme image detail at high resolutions, laser is the light source of the future.

Addressing the demanding large venue environment, the new NEC PH1202HL presents high brightness, Super Dust Protection and professional installation features **for superior projection performance within Rental/Staging, Higher Education, Museums, large Corporates and Signage installations.**

BENEFITS

No lamp replacement - up to 20000 h maintenance free operation possible due to Laser Light Source.

Easy installation - selection of wide zoom bayonet lenses, wide vertical and horizontal lens shift and control code emulation guarantees hassle-free installation and replacement of old installation projectors.

Easy way to a big picture - up to 4K interface, HDMI-out signal loop through, built-in signal splitter and edge blending capability enables large presentation pictures without any external devices. PiP function allows additional sources to be displayed.

Perfect Image quality - high brightness, up to 12.000 ANSI input signal and unique picture and colour processing technology based on the latest NEC scaler chip achieves outstanding picture quality.

Rich connectivity - including HDBaseT, the world's first HDMI-out interface, 1xHDMI and DisplayPort technology guarantees outstanding connectivity.

Widest application support - portrait mode projection, 360 degree free tilt installation, unique geometric adjustment and 3D support offers unrivalled installation capability.

Super Dust Protection - NEC's patented heat exchanger and the completely sealed optical engine offer continuously best performance in harsh Rental/Staging environment.

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IMAGE	Projection Technology	1.65 cm (0.65") DMD Chip - DLP™ Technology
	Native Resolution	1920 x 1080 (1080p)
	Contrast Ratio [1]	10000:1
	Brightness [1]	12000 ANSI Lumen, with std. optional lense
	Lamp	Laser Light Source
	Lamp Life [hrs]	20000, (50 % brightness after 20000 h); 30000 in long-life mode
	Lens	6 optional bayonet lenses
	Projection Factor	depending on lens selection
	Projection Distance [m]	1.4 – 74.7
	Screen Size (diagonal) [cm] / [inch]	Maximum: 1,524 / 600"; Minimum: 152 / 60"
	Zoom	Motorized
	Focus Adjustment	Motorized
	Supported Resolutions	4096 x 2160 (4k); 2560 x 1600 (WQXGA); 2048 x 1080 (2k); 1920x1200 (WUXGA) - 640x480 (VGA); 1080i/50/60; 1080p/24/25/30/50/60; 720p/60; 720p/50; 576i/50; 576p/50; 480p/60; 480i/50
	Frequency	Horizontal: analog: 15/24-100 kHz, digital: 15/24-153 kHz; Vertical: analog: 48-120 Hz, digital: 24-120 Hz
CONNECTIVITY	RGB (analog)	Input: 1 x 5BNC, shared with Component Signal (YPbPr); 1 x Mini D-sub 15 pin
	Digital	Input: 1 x DisplayPort supporting HDCP; 1 x HDBaseT; 1 x HDMI™ supporting HDCP Output: 1 x HDMI supporting HDCP
	Video	Input: 1 x BNC R Share
	S-Video	Input: 1 x BNC G/B Share
	Control	Input: 1 x 3.5 mm Stereo Mini Jack (Wired Remote); 1 x D-Sub 9 pin (RS-232), Ethernet; 1 x Ethernet shared with HDBaseT
	Option Slot	Input: 1 x Slot for optional OPS modules
	USB	1 x Type A (USB 2.0 high speed for mouse support)
	3D Sync	Output: 1 x Mini DIN 3pin
	Video Signals	NTSC; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM
REMOTE CONTROL	Input:	1 x 3.5 mm Stereo Mini Jack
	Remote Control	Auto Adjust; AV Mute; Direct Info; Direct Source Select; Eco Mode Control; Freeze-function; Full Lense control; Help-function; ID Select; Illuminated Buttons; Input Control; Magnify-function; On Screen On/Off Selection; Picture Adjust; PIP Function; Power (On-OFF); Select (up, down, left, right); Shutter function; Test Picture; Wired / Wireless Connection
ELECTRICAL	Power Supply	200-240 V AC; 50 - 60 Hz
	Power Consumption [W]	1392 Normal Mode; 752 Eco Mode
MECHANICAL	Dimensions (W x H x D) [mm]	680 x 333 x 860 (without lens and feet)
	Weight [kg]	68
	Fan Noise [dB (A)]	43 / 47 (Eco / Normal)
	Colour Versions	Black
ERGONOMICS	Safety and Ergonomics	CE; ErP; RoHS; TÜV GS
ADDITIONAL FEATURES	Special Characteristics	4K Interface; AMX Beacon; Built-in Display/Multiscreen Splitter; Cinema Quality Picture (CQP) Processing for best image quality; Crestron RoomView; DICOM Simulation; Digital 3D Reform™; Direct Power-Off Function; Edge Blending Function (Build In); Free Tilt; Full 3D HDMI Support; Geometric Correction; HDBaseT; Keystone Correction (H=±40°, V=±40°); LAN; Lens Shift (vertical +0,5 max/-0,5 max, horizontal ± 0,11 max.); Light Source Adjustment; Manual Wall Color Correction; Multi-Screen compensation mode; NaViSet Administrator 2; OPS module support; Optional User Logo; OSD with 27 languages; Password Security System; PIP/Side by Side, HDMI - Input; PJ LINK; Portrait Setting; RS-232 Control; Stacking Function; Timer-Function; Virtual Remote for direct PC control
GREEN FEATURES	Energy Efficiency	Laser Light Source
	Ecological Materials	100% recyclable packaging; Downloadable manuals
	Ecological Standards	ErP compliant
WARRANTY	Projectors	3 years pan-European service
SHIPPING CONTENT	Shipping Contents	IR Remote Control (RD - 465E); Network Set-up Guide; Power Cord; Projector; Quick Setup Guide; Users Manual on CD-ROM; Utility software
OPTIONAL ACCESSORIES	Optional Accessories	DLP-Link 3D Glasses (VolfoniFit); XpanD 3D Glasses (X105-RFX2); XpanD 3D RF Emitter (AD025-RF-X1)
	Lenses	NP-9LS08ZM1 (0.9-1.34:1); NP-9LS12ZM1 (1.28-1.83:1); NP-9LS13ZM1 (1.42-2.24:1); NP-9LS16ZM1 (1.73-2.88:1); NP-9LS20ZM1 (2.23-4.16:1); NP-9LS40ZM1 (4.43-6.76:1)
	OPS Slot-in Modules	Digital Signage Player; HD/SD-SDI Module; HDBaseT Receiver; Slot-in PCs

[1] Compliance with ISO21118-2005

This product has been equipped with a laser module and is classified according to Class 1 of Safety of Laser Products IEC 60825-1.
DO NOT LOOK DIRECTLY INTO THE BEAM.

Empowered by Innovation   NEC