

NEC PX800X

Order Code: 60003184

NEC PX800X Professional Installation Projector

The PX800X, a high end dual lamp installation projector is ideal for installations that demand the highest levels of heavy duty usage, unique picture quality in highest resolution and is the worldwide first projector supporting STv2, compatible with the NEC /Intel OPS standard.

The professional features make it ideal for Rental/Staging, Large Corporate, High Education, Conference Room, Museum and Signage.



DELIVERING GENUINE BENEFITS

Display content that demands attention - with XGA resolution and superb brightness levels and colour ranges, your viewers will enjoy an outstanding visual experience.

Installation is easy, even in challenging venues - a motorized Lens Shift with vertical and horizontal adjustment makes setting up the perfect installation image easy.

Simple Connectivity - due to the vast number of connectors featured with this projector, including an innovative DisplayPort terminal and a host of networking, analog and digital connection terminals.

Time saving network control - for cost saving convenient maintenance and management of content and scheduling.

OUTSTANDING PERFORMANCE

- **Great picture quality** even in bright ambient light because of high projector brightness and excellent 10-Bit (1.07 billion colours) Hollywood Quality Video signal processing for best colour performance in highest resolution.
- **Best reliability and system stability** because of 2 lamp system and additional colour wheel as standard in the box.
- **Rich installation features** as motorized Lens Shift, Lens Memory, flexible Geometric correction, Light Shutter, Stacking function, built -in Edge Blending function and much more.
- **Best connectivity** supporting nearly all signal sources, as HDMI and even DisplayPort. First projector world wide, which supports STv2 for highest input flexibility as for example Single Board Computer for stand-alone projection.
- **Latest network technology** enables not only many ways of projector control by network but also easy picture transfer.
- **Highest XGA resolution** and 10-Bit (1.07 billion colours) Hollywood Quality Video signal processing allows you to enjoy extremely detailed picture quality.



SPECIAL CHARACTERISTICS

2x Colourwheel, AMX Beacon, Blanking, Crestron RoomView, Digital 3D Reform™, Direct Power-Off Function, Edge Blending Function, Geometric Correction, Help Function, Hollywood Quality Video Processing for best image quality, Keystone Correction (H=±40°, V=±30°), LAN control, Lens Memory, Lens Shift (vertical 0.5 max., horizontal ± 0.1 max.), Lens Shutter, Optional User Logo, OSD with 27 languages, Outstanding Multimedia and Network Functions, Password Security System, PIP/Side by Side, HDMI - Input, PJ LINK, Plug&Play W-LAN Option, Powerpoint, Movie, PDF and USB Picture Viewer, RS-232 Control, Seamless Switching, SNMP, Stacking Function, Test Pattern, Windows 7 Network Projector



Energy Efficiency Complete shut-off switch; Intelligent Power Management

Ecological Materials ECO packaging; Minimal use of harmful material

Ecological Standards RoHs compliant; WEEE

Technical Specification NEC PX800X	
IMAGE	
Display	1.78 cm (0.7") DMD Chip - DLP™ Technology
Native Resolution	1024 x 768 (XGA)
Brightness ¹	8000 ANSI Lumen (approx. 80% in Eco Mode)
Contrast Ratio ¹	2100:1 with DynamicBlack™
Lamp	2-Lamp System (2 x 400 W AC), 2 x 320 Eco Mode
Lamp Life [hrs]	2000 (2500 Eco Mode)
Lens	6 optional bayonet lenses
Projection Factor	depending on lens selection (0.76:1 and 1.25-8.3:1)
Projection Distance [m]	0.8 (NP16FL) - 54 (NP21ZL)
Screen Size (diagonal) [cm]	Minimum: 127 / 50"; Maximum: 762 / 300"; (best performance range)
Lense Adjustment	Motorized
Supported Resolutions	1920x1200 (WUXGA) - 640x480 (VGA); 1080i/60; 1080p/60; 1080i/50; 1080p/50; 720p/60; 720p/50; 576i/50; 576p/50; 480p/60; 480i/50
Frequency	Horizontal: 15–108 kHz (RGB: 24 kHz); Vertical: 48 – 120 Hz
CONNECTIVITY	
RGB (analog)	Input: 2 x Mini D-sub 15 pin; 1 x 5BNC, shared with Component Signal (YPbPr) Output: 1 x Mini D-sub 15 pin
Digital	Input: 1 x DisplayPort; 1x HDMI™ (V.1.3) supporting HDCP
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
PC Control	Input: 1 x D-Sub 9 pin (RS-232); 1 x Network (RJ45, W-LAN optional)
Option Slot	Input: 1 x Slot for optional STv2 or HD/SD-SDI Module
USB	2 x Type A (USB 2.0 high speed)
REMOTE CONTROL	
Input:	1 x 3.5 mm Stereo Mini Jack
Remote Control	Aspect Ratio; Auto Adjust; Eco Mode Control; Freeze-function; Full Lense control; HDMI; Help-function; ID Select; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Source Select
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	515 Normal Single Lamp Mode; 958 Normal Dual Lamp Mode; 429 Eco Single Lamp Mode; 777 Eco Dual Lamp Mode; 18 Network Stand-By Mode; 0.4 Power Savings Mode
MECHANICAL	
Dimensions (W x H x D) [mm]	504 x 192 x 516 (without lens and feet)
Weight [kg]	19.7
Fan Noise [dB (A)]	43
OPTIONAL ACCESSORIES	
Optional Accessories	Air Filter (NP02FT); Ceiling Mount Kit; HD/SD-SDI Module; Lamp (NP22LP); STv2 PC; Wireless LAN module NP02LM2 (Europe), NP02LM3 (Russia)
Lenses	NP16FL (0.76:1); NP17ZL (1.25-1.79:1); NP18ZL (1.73-2.27:1); NP19ZL (2.22-3.67:1); NP20ZL (3.6-5.4:1); NP21ZL (5.3-8.3:1)
ERGONOMICS	
Safety and Ergonomics	CE; ErP; TÜV GS; RoHS
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	Projector; IR Remote Control (RD - 455E); Power Cord; Anti-theft cap for LAN Unit; Anti-theft screw for lens; Colourwheel (for exchange); Stacking Holder; Users Manual on CD-ROM; Quick Setup Guide

¹ Compliance with ISO21118-2005