\Orchestrating a brighter world NEC

PX800X

Professional Installation Projector

Datasheet





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.

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.

Cost Saving Device Management – save effort whilst administrating all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	PX800X
Product Group	Professional Installation Projector
Order Code	60003830

Image

Projection Technology	1-chip DLP™ Technology
Native Resolution	1024 x 768 (XGA)
Contrast Ratio [1]	2100:1 with DynamicBlack™
Brightness [1]	8000 ANSI Lumen (approx. 80% in Eco Mode)
Lamp	2-Lamp System (2 x 400 W AC), 2 x 320 Eco Mode
Lamp Life [hrs]	2000 (2500 Eco Mode)
Lens	7 optional bayonet lenses
Lense Adjustment	Motorized
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] / [inch]	(best performance range); Maximum: 762 / 300"; Minimum: 127 / 50"
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: 1 x 5BNC, shared with Component Signal (YPbPr); 2 x Mini D-sub 15 pin 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
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]	0.4 Power Savings Mode; 18 Network Stand-By Mode; 404 Eco Single Lamp Mode; 489 Normal Single Lamp Mode; 752 Eco Dual Lamp Mode; 927 Normal Dual Lamp 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

Ergonomics

Safety and Ergonomics	CE; ErP; RoHS; TüV GS

Additional Features

Special Characteristics	2x Colourwheel; 3D ready; 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, horizontal ± 0.1); Lens Shutter; NaViSet Administrator 2; 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

Green Features

Energy Efficiency	Complete shut-off switch; Intelligent Power Management
Ecological Materials	ECO packaging; Minimal use of harmful material
Ecological Standards	RoHs compliant; WEEE

Warranty

Projectors	3 years pan-European service
Light Source	6 months, max. 1000 hrs

Shipping Content

Shipping Contents	Anti-theft cap for LAN Unit; Anti-theft screw for lens; Colourwheel (for exchange); IR Remote Control (RD-455E); Power Cord; Projector; Quick Setup Guide; Stacking Holder; Users Manual on CD-ROM

Optional Accessories

Optional Accessories	Air Filter (NP02FT); Ceiling Mount Kit; HD/SD-SDI Module; Lamp (NP22LP); STv2 PC; Wireless LAN module (EU: NP06LM; MEA: NP02LM2; Russia: NP02LM3)
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); NP31ZL (0.75-0.93:1)

[1] Compliance with ISO21118-2012

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