NEC P420X

Get great picture performance paired with outstanding network features. Advanced Eco features help to lower your operating and service cost. Because of high brightness and excellent installation flexibility the P420X is the best solution for larger meeting rooms and University lecture halls.

DELIVERING GENUINE BENEFITS

Large 1.7x optical zoom - for maximum flexibility.

Vertical Lens Shift - for easiest installation at best optical performance.

Innovative network features - for best network performance.

PowerPoint and PDF viewer - for presentation without an computer.

Great connectivity - due to numerous analog and digital connection terminals.

Innovative new Eco functions - to reduce power consumption.

Minimized cost of ownership - due to long lamp life and filter exchange intervals.

EuP COMPLIANT

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

CRESTRON

OUTSTANDING PERFORMANCE

- **High brightness** paired with best performance and connectivity

- **Low installation cost** because of highest flexibility by Lens Shift and wide zoom lens. Excellent solution for replacement of old installation projectors.

- **Network.** Enjoy easiest way of network connectivity and network content transmission and save cost by complete projector monitoring and control of projector using latest network technology.

- **Projector Viewer Function.** Use great projector viewer function for direct presentation of PowerPoint files, PDF files, images or movies directly from USB memory or via network without any need of a presentation PC.

www.nec-display-solutions.com

SPECIAL CHARACTERISTICS

Auto Eco Mode; Carbon Savings Meter; DICOM Simulation; Direct Power-Off Function; Geometric correction by software; Help Function; Manual vertical Keystone Correction (V= ±30°); Manual Wall Color Correction; mouse receiver; Optional User Logo; OSD with 27 languages; Password Security System; Plug&Play W-LAN Option; Remote Desktop; Source Select with Beep Function; Timer-Function; Unique Power Saving Functions; USB Display; USB Viewer; Virtual Remote for direct PC control; Windows 7 Network Projector; Windows Media Connect Function; Windows Network Drive

ECO Innovation: Auto ECO Mode; Green one touch ECO and AV mute button; 75% AV mute function

Energy Efficiency: ECO scheduler; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.4W stand-by

Ecological Materials: 100% recyclable packaging; Downloadable manuals; ECO packaging

Ecological Standards: EuP compliant; RoHs compliant

Technical Specification NEC P420X	
IMAGE	
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA
Native Resolution	1024 x 768 (XGA)
Brightness [1]	4200 ANSI Lumens (approx. 80% in Eco Mode)
Contrast Ratio [1]	2000:1
Lamp	265 W UHP AC (195 W UHP AC Eco Mode)
Lamp Life [hrs]	3000 (3500 Eco Mode)
Lens	F= 1.7–2.07, f= 18.9–22.7 mm
Projection Factor	1.3 – 2.2 : 1
Projection Distance [m]	0.7 – 11.0
Screen Size (diagonal) [cm]	Minimum: 53; Maximum: 762
Zoom	1.0 - 1.2
Focus Adjustment	Manual
Supported Resolutions	1152 x 870 (Mac 21"); 1280 x 1024 (SXGA); 1400 x 1050 (SXGA); 1280 x 720 (HDTV 720p); 1600 x 1200 (UXGA); 720 x 480 (DVD progressive); 720 x 576 (DVD progressive); 1920 x 1080 (HDTV 1.080i/60. HDTV 1.080i/50); 800 x 600 (SVGA); 832 x 624 (Mac 16"); 720 x 480 (SDTV 480p); 640 x 480 (VGA/Mac 13"); 1024 x 768 (XGA) compressed
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz); Vertical: 48 – 120 Hz
CONNECTIVITY	
RGB (analog)	Input: 2 x Mini D-sub 15 pin; Input: 2 x Mini D-sub 15-pin, compatible to component (YPbPr); Output: 1 x Mini D-sub 15 pin
Video	Input: 1 x RCA
HDMI™	Input: 1x HDMI™ (V.1.3 with Deep Color, Lip Sync) supporting HDCP
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 2 x 3.5 mm Stereo Mini Jack for Computer analog; Input: 1 x HDMI audio; Input: 1 x RCA Stereo for Video and S-Video; Output: 1 x 3.5 mm Stereo Mini Jack (variable)
PC Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
USB	2 x Type A (USB 2.0 high speed)
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
REMOTE CONTROL	
Remote Control	Source Select; Freeze-function; Auto Adjust; Aspect Ratio; Magnify-function; Help-function; Lamp Mode Control; Picture Adjust; Audio Control; Page (up, down); Picture Mute; Power (On-OFF); Select (up, down, left, right); HDMI; Presentation and Mouse Control
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	343 Normal Mode; 264 Eco Mode; 9 Network Stand-by Mode; 0.4 Stand-by Mode
MECHANICAL	
Dimensions (W x H x D) [mm]	310 x 125 x 289 (without lens and feet)
Weight [kg]	3.9
Fan Noise [dB (A)]	30 / 36 (Eco / Normal)
OPTIONAL ACCESSORIES	
Optional Accessories	Lamp (NP17LP); Wireless LAN module (NP02LM2 (Europe), NP02LM3 (Russia); Cable Cover (NP01CV)
ERGONOMICS	
Safety and Ergonomics	CE; TÜV GS; EuP; RoHS
Speakers [W]	1 x 10 (mono)
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	Projector; IR Remote Control (adressable RD - 448E); Mini D-SUB Signal Cable; Power Cord; Users Manual on CD-ROM; Quick Setup Guide

[1]Compliance with ISO21118-2005

Empowered by Innovation   **NEC**