

# NEC P420X

ORDER CODE: 60003081

NEC P420X Professional Installation Projector

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 a 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.



**HDMI**  
HIGH DEFINITION MULTIMEDIA INTERFACE



## 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.



## SPECIAL CHARACTERISTICS

Automaattinen Eco-tila; Carbon Savings Meter; DICOM Simulation; Direct Power-Off Function; Geometric correction by software; Help Function; Manual vertical Keystone Correction ( $V = \pm 30^\circ$ ); 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:** RoHS compliant; ErP 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 <sup>1</sup>     | 4200 ANSI Lumen (approx. 80% in Eco Mode)                                                                                                                                                                                                                                                                                            |
| Contrast Ratio <sup>1</sup> | 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       | 1920 x 1080 (HDTV 1,080i/60, HDTV 1,080i/50); 720 x 576 (DVD progressive); 720 x 480 (DVD progressive); 1600 x 1200 (UXGA); 1400 x 1050 (SXGA); 1280 x 1024 (SXGA); 1152 x 870 (Mac 21"); 800 x 600 (SVGA); 832 x 624 (Mac 16"); 640 x 480 (VGA/Mac 13"); 720 x 480 (SDTV 480p); 1280 x 720 (HDTV 720p); 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: 1 x HDMI® (Deep Color, Lip sync) with 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; Esitys- ja hiirihjauts                                                                            |
| 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] | 398 x 282 x 115 (without lens and feet)                                                                                                                                                                                                                                                                                              |
| Weight [kg]                 | 3,9                                                                                                                                                                                                                                                                                                                                  |
| Fan Noise [dB (A)]          | 30 / 36 (Eco / Normal)                                                                                                                                                                                                                                                                                                               |
| OPTIONAL ACCESSORIES        |                                                                                                                                                                                                                                                                                                                                      |
| Optional Accessories        | Lamp (NP17LP); Langaton LAN-moduuli (NP02LM2 (Europe), NP02LM3 (Russia); Cable Cover (NP01CV)                                                                                                                                                                                                                                        |
| ERGONOMICS                  |                                                                                                                                                                                                                                                                                                                                      |
| Safety and Ergonomics       | CE; TÜV GS; ErP; 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                                                                                                                                                                                                  |

<sup>1</sup>Compliance with ISO21118-2005