Empowered by Innovation

NEC P451XG

Order Code: NP-P451XG

NEC P451XG Professional Projector

Perfect for mid to large meeting rooms as well as classrooms in higher education where semi-professional high brightness performance is required, the P451XG is a very bright and compact conventional projector recommended for screen sizes of up to 140". Thanks to the compact design, large optical zoom of 1.7x, vertical lens shift and vertical and horizontal keystone correction, flexible integration into any room is a reality, saving unnecessary installation costs.

Customers that need advanced connectivity benefit from remote control and monitoring over wired and wireless (optional) network, also content transmission including audio is supported. An optional adapter for Intel® WiDi even allows high quality video and audio transmission in excellent quality. A large number of input options allow you to connect all types of digital and analogue input signals.



DELIVERING GENUINE BENEFITS

Affordable Large Screen projection - ideal for larger corporate or education venues and auditoriums.

Full Connectivity and Media Playback - stay up to date with todays playback demands with a wide range of interfaces and assured playback of all major media formats.

Professional and Flexible Installation - versatile projection characteristics allow for simple positioning of the projector, making installation easy and potentially saving set up costs.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

Free DisplayNote Presenter Licence - present, share, collaborate with multiple participants across multiple devices (limited availability)

OUTSTANDING PERFORMANCE

- **High brightness of 5000 ANSI lumen** enables you to project on larger screen sizes for a bigger audience. Still having a compact form factor allows you to integrate the projector into the room without making it too obtrusive.
- **A large optical zoom factor** of 1.7 allows maximum flexibility in positioning the projector and makes replacement of ceiling mounted projector easier.
- **Vertical lens shift** provides more more flexibility to position th eprojector in vertical direction, i.e. above or below the screen bottom or top.
- **In-built keystone correction** allows to correct an image distortion caused by attempting to project an image onto a surface at an angle, as with a projector not quite centered onto the screen it is projecting on.

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SPECIAL CHARACTERISTICS

Auto Eco Mode, Contrast Ratio 4000:1 with Iris, Control ID Function, DICOM Simulation, Direct Power-Off Function, Geometric correction by software, Help Function, HTTP Browser Control, Kensington security slot, Keypad Lock, Keystone Correction (H=±30°, V=±30°), Lens Cover, Lens Shift, vertical +50%, Magnify, Manual Wall Color Correction, Mouse Control with USB Display, NaViSet Administrator 2, Optional User Logo, OSD with 27 languages, Password Security System, Pincushion Correction, Plug&Play W-LAN Option, Quick Start, Remote Desktop, Source Select with Beep Function, Test Pattern, Timer-Function, Unique Power Saving Functions, USB Display including Audio, USB Viewer, Virtual Remote for direct PC control, Windows 7 Network Projector, Windows Media Connect Function, Windows Network Drive

Energy Efficiency
0.4W Power save mode; 40% AV mute function; Auto ECO Mode; Auto Power ON/OFF; Carbon Savings Meter; Direct Power-Off Function; Green one touch ECO and AV mute button; Off-Timer; Timer-Function

Ecological Materials
Downloadable manuals; ECO packaging

Ecological Standards
ErP compliant; RoHs compliant

Technical Specification NEC P451XG

IMAGE	
Projection Technology	3 x 1.6 cm (0.63") LCD Panel with MLA
Native Resolution	1024 x 768 (XGA)
Contrast Ratio [1]	4000:1
Brightness [1]	4,500 Bright / 3,600 Normal / 3,000 Eco
Lamp	240W UHP AC
Lamp Life [hrs]	6000 Eco / 4000 Normal / 3500 High Bright Mode
Lens	F= 1.7–2.2, f= 17.4–29 mm
Lens shift	Vertical lens shift 0 - 0.5
Keystone correction	manual H/V +/-30°
Projection Factor	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 64 / 25"
Zoom	1 - 1.7
Focus Adjustment	Manual
Supported Resolutions	Up to 1920 x 1200 (WUXGA)
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz); Vertical: 50 – 120 Hz
CONNECTIVITY	
RGB (analogue)	Input: 1 x Mini D-sub 15 pin Output: 1 x Mini D-sub 15 pin
HDMI™	Input: 2 x HDMI™ (Deep Color, Lip sync) with HDCP
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 1 x 3.5 mm Microphone Jack; 1 x 3.5 mm Stereo Mini Jack for Computer analogue; 1 x RCA Stereo for Video and S-Video; 2 x HDMI audi Output: 1 x 3.5 mm Stereo Mini Jack (variable)
Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
LAN	1 x RJ45
USB	1 x Type B; 2 x Type A (USB 2.0 high speed)
Video Signals	NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM
REMOTE CONTROL	
Remote Control	Aspect Ratio; Audio Control; Auto Adjust; Eco Mode Control; Freeze-function; Help-function; ID set; Keystone Correction; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Presentation and Mouse Control; Select (up, down, left, right); Source Select
ELECTRICAL	
Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	325W (High Bright)/ 260W (Normal)/ 248W (Eco)
MECHANICAL	
Dimensions (W x H x D) [mm]	398 x 115 x 282 (without lens and feet)
Weight [kg]	4.1
Fan Noise [dB (A)]	30 / 37 (Eco / Normal)
ERGONOMICS	
Safety and Ergonomics	CE; ErP; RoHS; TÜV GS
Speakers [W]	1 x 16 (mono)
WARRANTY	
Projectors	5 years conditional warranty
Lamp	6 months, max 2,000 hours
SHIPPING CONTENT	
Shipping Contents	IR Remote Control (RD-448E); Mini D-SUB Signal Cable (1.8 m); Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software
OPTIONAL ACCESSORIES	
Optional Accessories	Cable Cover (NP03CV); Free Wireless Image Utility App; Lamp (NP23LP); Universal Ceiling Mounts (PROJBUN1E/1S/2S/3S); ; Wireless LAN module NP02LM2

[1] Compliance with ISO21118-2005

For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632

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