\Orchestrating a brighter world

P502H
Professional Projector

Datasheet





The NEC P502H - Delivering brighter ideas through ultimate versatility

With the NEC P502H, you will enlighten your audience by delivering crisp image quality, even in challenging lighting conditions. The integrated NEC Multipresenter solution (optional USB WLAN adapter required) allows you to interact wirelessly with your audience, regardless if they have an iPad, Android device or a regular laptop.

The highly flexible and compact concept of the P502H allows for an easy installation in any room setup without compromising on the overall design or image quality. Wide optical zoom, vertical/horizontal lens shift and state-of-the-art connectivity options like HDBaseT provide the possibility of simply replacing your current projector, using existing infrastructures e.g. ceiling mounts and making sure that your investment is protected for the future. With a projecting screen size of up to 300”, the P502H offers great value for the money combined with superior quality from NEC.

Benefits

Display Full HD content – as it is intended - you can see even small details in images.

Large 1.7x optical zoom – for maximum flexibility.

High brightness – for best performance in bright ambient light

Connect and share – with up to 40 wireless devices with the NEC Image Express Utility (Windows & MAC) as well as Wireless Image Utility (iOS & Android) software.

Great connectivity – due to numerous analog and digital connection terminals incl. HDBaseT, 2 x HDMI with 3D support.

Product Information

Product Name	P502H
Product Group	Professional Projector
Order Code	60003901

Image

Projection Technology	1-chip DLP™ Technology
Native Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Contrast Ratio [1]	6000:1
Brightness [1]	5000 High Bright / 4000 Normal / 3000 Eco ANSI Lumens
Lamp	375 W UHP AC
Lamp Life [hrs]	5000 Eco / 4000 Normal / 3000 High Bright Mode
Lens	F= 2–2.5, f= 18.2–31.1 mm
Lens shift	H:±25, V:+62,-0
Keystone correction	+/- 25° manual horizontal / +/- 30° manual vertical
Projection Factor	1.24 – 2.11 : 1
Projection Distance [m]	0.8 – 14.2
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 76.2 / 30"
Zoom	1 - 1.7; Manual
Focus Adjustment	Manual
Supported Resolutions	Up to 1920 x 1080 (Full HD)
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz); Vertical: 50 – 120 Hz

Connectivity

RGB (analog)	Input: 1 x Mini D-sub 15 pin Output: 1 x Mini D-sub 15 pin
Digital	Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP
Video	Input: 1 x RCA
Audio	Input: 1 x 3.5 mm Stereo Mini Jack for Computer analog; 1 x RCA Stereo for Video; 2 x HDMI audio 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; Optional WLAN
USB	1 x Type B (for Service); 2 x Type A (USB 2.0 high speed)
3D Sync	Output: 1 x Mini DIN 3pin
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]	0.5 Power Savings Mode; 305 Eco Mode; 366 Normal Mode; 445 (High Bright)

Mechanical

Dimensions (W x H x D) [mm]	362 x 129 x 302 (without lens and feet)
Weight [kg]	5.2

Fan Noise [dB (A)]	31 / 36 / 39 (ECO / Normal / High Bright)

Ergonomics

Safety and Ergonomics	CE; ErP; RoHS; TUEV Type Approved
Speakers [W]	1 x 20 (mono)

Additional Features

Special Characteristics	3D ready; Auto Power ON/OFF; Carbon Savings Meter; Colour Management; Control ID Function; DICOM Simulation; Geometric correction by software; Help Function; HTTP Browser Control; Kensington security slot; Keypad Lock; Lens Shift, vertical +0 %; Magnify; Manual Wall Color Correction; Miracast Connectivity; MultiPresenter Function; NaViSet Administrator 2; Off-Timer; Optional User Logo; OSD with 27 languages; Password Security System; Plug&Play W-LAN Option; Quick Start; Source Select with Beep Function; Test Pattern; Timer-Function; Unique Power Saving Functions; USB Viewer; Virtual Remote for direct PC control

Green Features

Ecological Materials	Downloadable manuals; ECO packaging
Ecological Standards	ErP compliant; RoHs compliant

Warranty

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

Shipping Content

Shipping Contents	IR Remote Control (RD-472E); 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 (NP09CV); Free Wireless Image Utility App; Lamp (NP39LP); Universal Ceiling Mounts (PJ01UCM); Wireless LAN module (EU: NP05LM2; Russia, Ukraine, Egypt, Irsael, Kuwait: NP05LM4; Pakistan, Jordan, Qatar: NP05LM5)

[1] Compliance with ISO21118-2012

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