Professional Installation Projectors ideal for corporate, higher education and museum applications

PA Series

Timetable

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<th>Monday</th>
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<td>13:00 - 17:00</td>
<td>9:00 - 10:00</td>
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<td>1L77-A</td>
<td>1327-B</td>
<td>2377-C</td>
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<td>Basic Calculus</td>
<td>Calculus-1</td>
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LCD laser installation projectors extreme brightness captivates audiences in conference rooms, auditoriums and sanctuaries

**Powerful Tools**
- Multi-display support with Picture by Picture/Picture Out Picture
- TileMatrix (internal multi-screen splitter) enables 4Kx2K resolution utilizing 4 projectors without the need for external hardware
- Built-in daisy chain capabilities support multi-display applications
- Seamlessly blend multiple images with integrated edge blending capabilities

**Integrated**
- 4K Ready - Display stunning 4K 60P content using NEC’s proprietary high performance video processing/scaling chip without the loss of critical details. HDR10 and BT.2020 signals from “Ultra HD Blu-ray” and “4K TV broadcasting” are supported on all digital inputs
- Integrated software applications such as AMX Beacon, Crestron Roomview, Extron XTP and PJ Link allow for complete control system support
- Lower the cost of your installation by eliminating the need for costly reprogramming of a control system. (supports competitors commands, call NEC for complete list)

**Flexible**
- Enjoy greater installation flexibility with powered motorized bayonet style lenses providing quick and easy exchanges. Lens throw distances range from 2.5 to 68.5 ft
  - New NP44ML-02LK UST lens placing the projector above the screen and out of sight (installation may place the projector above the ceiling line)
- Roll-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation
- Up to 60% vertical lens shift and +/- 30% horizontal lens shift capabilities make alignment easy

**Laser**
- Images appear immediately after power on due to instantaneous start up of the laser
- Dual blue laser systems provide best in class white balance over the life of the projector
- Inorganic optical components create longer lifetime and greater peace of mind

**Filter Free**
- Filter free LCD projector
- Sealed LCD cooling system prevents dust from reaching the optics and eliminates the need for a filter
- External air never reaches the optical path
- No dust artifacts or decrease in brightness
- LCD Laser Projector that is maintenance free!

**Stacking correction**
The industry’s first built-in stacking correction capabilities (up to four projectors) allows the projectors to boost an image’s brightness up to 40,000 lumens, which is ideal for larger sized screens and environments with heavy ambient light. This feature also prevents the complete loss of an image, which can happen when using only one projector.

**Edge blending**
This function seamlessly blends multiple projected images to display a single high-resolution image.

**ProAssist™**
Projector management software for installation professionals provides full projector control for multiple screens to create the perfect image. Controls such as input switching, picture, lens, edge blending, uniformity and gamma control are adjustable through the GUI.
NEC PA Series Projectors

Built-In HDBaseT Support

Simplify your installations with HDBaseT. Optimized for video applications and supporting uncompressed full HD digital video, audio, ethernet, power and various control signals. With only a single cable (up to 100m) to run, infrastructure and labor costs are reduced, installations are significantly easier, and there is no cable clutter to manage. With uncompressed HD video support, images have never been more stunning. What’s more, control signals are contained in the same cable.

GET CONNECTED WITH A WIDE SELECTION OF INPUTS

- Multiple Digital computer inputs ensure quick switching between presentations
- Five audio inputs (one mini stereo [HDMI1™ & HDMI2™, DisplayPort and HDBaseT]) make it easy to add sound to enhance your presentations

Remote control

Wired and wireless backlit remote allows you to adjust for complete control of the projectors menu structure in a well lit or dark environment. Direct controls such as lamp mode, aspect ratio, volume and input selection eliminates multiple button pushes.

Digital Inputs

Among the PA Series’ wide selection of inputs are dual HDMI w/HDCP and DisplayPort w/HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers.

Cable Cover

This included accessory creates a clean look for your installation, while hiding signal cables and the power cord.

ADVANCED SOFTWARE FEATURES

Cornerstone

Enhanced keystone correction allows for horizontal, vertical and diagonal image correction for aligned images even when the projector is set up at an angle to the screen.

3D

When combined with active shutter glasses and 3D emitter, the PA Series Projectors create 3D images from a computer or Blu-ray player. The PA Series utilize the 3D sync line output from the projector to connect to the 3D emitter. Optional 3D glasses and emitters from XPAND are available from NEC.

Geometric Correction

Projecting an image isn’t confined to a standard flat screen or wall with the NEC PA Series. Geometric correction allows these models to project an image on spheres, cylinders, corner angles and many more non-standard surfaces.

Screen Splitter

NEC is committed to bringing the latest and greatest innovation to projectors. Multi-display capabilities and TileMatrix technologies are integrated into the new PA Series projectors. This processing is all done internally and therefore eliminates the additional hardware typically required to produce a beautiful 4K resolution image.

Roll Free

When installation requirements dictate the projector needs to be placed at different angles the PA Series with Roll Free capabilities assures it is the correct projector of choice.

Screen Splitter (Multi Display) by Daisy Chain
Specifications

**UNIQUE FEATURES**

Variable audio-out enables the remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector.

64-step image magnification with location control

Built-in HTTP page for control and monitoring over a LAN network.

Email notification of error messages or lamp end-of-life can be sent.

Built-in HTTP page for control and monitoring over a LAN network.

**ACCESSORIES**

RMT-PJ37 Replacement Remote Control

Optional Lenses

XPAND AD025-RF-X1

XPAND X105-RF-1

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Remote control, batteries, power cord, cable cover, user’s manual on next business day exchange.

Registered owners receive a five (5) years or 20,000 hours (whichever comes first) parts and labor warranty including InstaCare.

**ORDERING MODEL NUMBERS**

NP-PA804UL-B, NP-PA1004UL-B, NP-PA804UL-W, NP-PA1004UL-W

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