NEC Educational Display Solutions

NEC PROJECTOR STACKING

A UNIQUE VERSATILE INSTALLATION PROJECTOR SOLUTION

Achieve Brightness of up to 20,000 ANSI Lumen from a combination of
conventional installation projectors, with the benefit of in-built redundancy

A Brighter Future

NEC STACKING SOLUTION PROJECTORS
NP1250 | NP2250 | NP3250 | NP3250W

INNOVATION IN ACTION

PROJECTOR STACKING DELIVERS
OUTSTANDING BRIGHTNESS IN A
UNIQUE BUDGET-FRIENDLY SOLUTION

Stacking involves placing up to four projectors across say, an auditorium, so that brightness can be multiplied and redundancy is achieved in the event that one projector is not operating.

Stacking is a perfect solution for achieving high brightness as high as 20,000 ANSI lumen, at a much lower cost compared to buying one 20,000 ANSI lumens projector. With all the benefits of being able to combine the projectors into one room or separate them into a number of rooms at your control.

With stacking, as the projectors are ordinarily spaced out horizontally, image on-screen isn't blocked when someone walks past the front of the screen as the unblocked projectors still can project their image.

In addition NEC has created simple to use but powerful Stacking Correction software so that you can quickly and easily achieve a perfect set-up.

A stacking configuration is easy because of the Geometric Correction Tool built into the projectors, the camera for the processing and the newly developed dedicated software when installing the projector. Since the adjustment data will be stored in the projector, the PC and the camera are no longer required after initial setup.

NEC Stacking Solutions operate with differing ANSI Lumen Projectors. So NP2250 units can for example be combined with NP3250 units. Projectors can also be temporarily removed and used individually and a stacking solution can still work when one projector fails.

SYSTEM REQUIREMENTS

SUPPORTED OS

Windows XP/Vista 32-bit

REQUIRED COMPONENTS

Microsoft .NET Framework 3.5

Sun Microsystems Java (Version 6 update 7 or later)

SUPPORTED CAMERAS
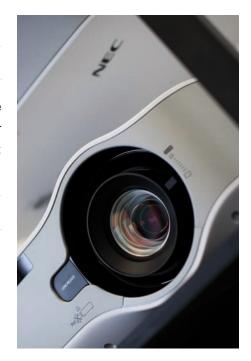
Canon: EOS 450D, Logitech: QuickCam Pro 9000

The model name may vary depending on the countries and regions.

IDEAL FOR

Large Conference Rooms, Exhibitions, Lecture halls, Shopping Malls, Stage shows, Consumer shows, Public Displays, Simulation, Entertainment Sports events.

BENEFITS

• Highest brightness for half system cost

• Professional and flexible installation

• Easy and quick set-up

• Long-term cost and environmental savings

• NEC service and performance guarantee

10 SIMPLE STEPS TO SET UP STACKING

1. Place the selected projectors alongside each other
2. Power up each Projector
3. Perform rough Optical Adjustment of Focus Zoom and Lens Shift so all Projected Images are just covering the screen
4. Connect all Projectors to a common network via LAN or WLAN.
5. Set up a standard camera or Web Cam
6. Open the NEC Stacking Correction Program
7. The Software will find the addresses of all projectors on the network automatically
8. The Camera settings are checked using a standard test pattern sent to the projector via the network
9. The software automatically adjusts each Projector using Various Camera Images of Test Patterns
10. The Stacking Set up is completed after 2-3 minutes. the frame of the screen was detected automatically

	NP1250	NP2250	NP3250	NP3250W
4 Projectors	4 x 3700 14,800 ANSI	4 x 4200 16,800 ANSI	4 x 5000 20,000 ANSI	4 x 4000 16,000 ANSI
3 Projectors	3 x 3700 11,100 ANSI	3 x 4200 12,600 ANSI	3 x 5000 15,000 ANSI	3 x 4000 12,000 ANSI
2 Projectors	2 x 3700 7,400 ANSI	2 x 4200 8,400 ANSI	2 x 5000 10,000 ANSI	2 x 4000 8,000 ANSI
1 Projector	1 x 3700 3,700 ANSI	1 x 4200 4,200 ANSI	1 x 5000 5,000 ANSI	1 x 4000 4,000 ANSI

Empowered by Innovation

NEC