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NEW NEC HIGH-RESOLUTION LASER PROJECTORS UNLEASH MYRIAD OF APPLICATIONS FOR PROFESSIONAL INSTALLERS

4K and Full HD PH Series Models Each Deliver 12,000 Lumens of Brightness and 20,000 Hours of Life

CHICAGO – April 15, 2015 – [NEC Display Solutions of America](#), a leading provider of commercial LCD display and projector solutions, today announced two new laser phosphor projectors to its professional installation lineup. The technology behind the lamp-less projectors gives professional installers new applications to target and potential new revenue streams.

The NEC PH1201QL projector delivers a native 4K (4096x2160) resolution, while the NEC PH1202HL model delivers Full HD 1080p as its native resolution. The 3-chip DLP laser projectors each emit 12,000 lumens of brightness, and maintain 2000:1 and 10,000:1 contrast ratios, respectively.

The lamp-less projectors use blue laser with yellow phosphor as their light sources and emit consistent light output over their lifetimes. That means mercury-free components, no more lamp replacements and 20,000 hours of projector life at maximum brightness. The eco-friendly projectors are virtually maintenance free, which translates to lower labor costs and less filter cleaning. The PH1201HL offers NEC's unique heat exchanger, a patent-pending system designed to cool the engine while creating a sealed barrier for both the optical and laser engines, thereby minimizing dust and other particles from entering the laser and optical path. The barrier helps reduce maintenance requirements, while image quality and brightness stay pristine.

The projectors can operate in a 24x7 environment, which opens up a number of new applications in digital signage, simulation, training facilities, control rooms and high-traffic environments, giving professional installers new opportunities.

[\[VIDEO: Learn More About What Solid State Light Source Projectors Bring to Professional Installations\]](#)

“Laser is the future light source for the projector industry,” said Richard McPherson, Senior Product Manager of Projectors at NEC Display. “Laser phosphor projectors bring the best possible brightness uniformity and image quality over a longer period of time compared to lamp-based projectors. The laser technology eliminates the need for lamp replacement, bringing a significant cost savings over time. It’s exciting to see the new opportunities NEC’s PH Series laser projectors bring to professional installations and we’re ready to continue to lead the charge in laser technology for projectors.”

The self-contained projection system of the PH1202HL projector includes an OPS (Open Pluggable Specification) option slot, the first industry-wide standard to simplify installation, use and maintenance while offering input flexibility for HD/SD-SDI and OPS accessory cards. The projector’s wide range of installation features suit any professional environment and minimize installation costs for digital signage.

NEC Display is the only visual technologies manufacturer delivering 4K and Ultra-HD resolution products across its portfolio of projectors, desktop and large-screen displays.

Among the other benefits of the two laser phosphor projectors:

- Quick Start capabilities
- Extensive input panel, including HDMI, DisplayPort and HDBaseT (PH1202HL)
- Tilt-Free (360°) and Portrait Mode capabilities
- 3D – HDMI
- Adjustable Light Source
- Stacking Correction Tool (PH1202HL)
- Geometric correction
- Hardware and Software Edge Blending

- Interchangeable bayonet lenses
- Power lens controls

The [PH1201QL](#) and [PH1202HL](#) projectors ship with a 3-year limited parts and labor warranty, and will be available in April 2015 at a minimum advertised price of \$149,999 and \$59,999, respectively.

To register for NEC Display's Star Student Program, educational institutions can visit www.necstarstudent.com for more information.

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About NEC Display Solutions of America, Inc.

Headquartered in Itasca, Ill., NEC Display Solutions of America, Inc., is a leading designer and provider of innovative desktop LCD monitors, commercial- and professional-grade large-screen LCD displays, a diverse line of multimedia and digital cinema projectors, and integrated display solutions. NEC Display Solutions develops leading-edge visual technology and customer-focused solutions for a wide variety of markets, including enterprise, healthcare, education and digital signage. For additional information about NEC Display Solutions of America products, call (866) NEC-MORE, or visit the website at www.necdisplay.com. For digital images, please visit <http://necdisplay.com/digital-media-library>. Follow us on our social media channels: [Facebook](#), [YouTube](#), [Google+](#), [Twitter](#) and [LinkedIn](#).

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