

## **Panasonic Super-Endurance Projection Solutions at InfoComm 2016**

### **Company Showcases Laser 4K+ and High-Brightness Projectors for Events and Entertainment Industry, and More at Booth C6308**

LAS VEGAS, June 8, 2016 /PRNewswire/ -- Panasonic, a leading supplier of end-to-end communications solutions to the private and public sector, is showcasing its expanded lineup of professional projectors, including its new flagship PT-RQ32K 4K+ SOLID SHINE Laser Projector, generating breathtaking 4K+ images at InfoComm 2016. Also displayed is the latest in its award-winning SOLID SHINE laser projector portfolio and LCD projector series, highlighting large venue, installation and hybrid lighting projector models on the show floor.

"Panasonic listens to the needs of professional system integrators, resellers, and end users," says John Baisley, Senior Vice President, Visual & Imaging, Panasonic System Communications Company of North America. "With demand for visual communication systems growing in many industries, we respond with the rigorous requirements professional users are asking for. We test all our professional visual systems products beyond the limits of normal endurance to guarantee the reliability that's synonymous with the Panasonic name."

At InfoComm 2016, Panasonic is showcasing a number of cutting-edge laser and LCD projector technologies including:

#### **PT-RQ32KU 3-Chip DLP™ SOLID SHINE Laser Projector with 4K Resolution**

The new flagship PT-RQ32KU 3-Chip DLP™ SOLID SHINE Laser 4K+ projector is perfect for large-venue entertainment applications. Offering an impressive 27,000 lm<sup>\*1</sup> maximum brightness (center-screen, high mode operation) at 5120 x 3200-pixel<sup>\*2</sup> (4K+) resolution, this all-in-one projector incorporates Quad Pixel Drive technology which creates extra pixels vertically and horizontally, quadrupling pixel density and rendering the finest details in exquisite 4K+ resolution. The need for custom mounting-frames has also been eliminated with new frame-free stacking or i-bolt rigging capability, reducing overall weight for less costly transportation and that also makes it easier to support multi-projection mapping applications at large events.

Key advantages of the PT-RQ32KU include free 360-degree installation, long-distance HDBaseT™-based DIGITAL LINK video/control transmission, a Multi-Screen Support System, Geo Adjustment, and software for projector-network management over LAN complete with optional plug-ins for simultaneous auto-calibration of multiple projectors and expanded multi-screen support functions. Coupled with a 240 Hz-capable Real Motion Processor sub-frame sampling engine for fluid motion reproduction, Detail Clarity Processor 5+ and System Daylight View 3 analysis technology, and digitally modulated 20,000:1<sup>\*3</sup> Dynamic Contrast, visuals are spectacular, from fast action scenes to film-like text and graphic reproduction. Other inclusions such as Quick On/Off, mechanical shutter, and power management functions ensure smooth, energy-efficient operation in long-term or temporary installations. The PT-RQ32KU is set for release in autumn 2016.

#### **PT-RQ13KU 3-Chip DLP™ Laser Projector with 4K Resolution**

With 4K+ screen resolution (5,120 X 3,200) and Quad Pixel Drive technology, the PT-RQ13KU is the most compact and lightweight 4K+ 3-chip DLP laser projector in its class. The projector boasts an impressive 10,000 lm of brightness and a contrast ratio of 20,000:1 by maximizing laser light performance, delivering extremely detailed, film-like, beyond 4K image quality. The projector's pixel is shifted both horizontally and vertically at a high frame rate of 240 Hz, physically creating four different pixels from a single pixel, effectively quadrupling the pixel density of the image and creating extraordinary picture quality. The PT-RQ13KU is currently available.

#### **PT-RZ970 Series 1-Chip DLP™ SOLID SHINE Laser Projectors**

Unveiling the light and compact 1-Chip DLP™ laser phosphor projector, the PT-RZ970 boasts 10,000 lm (Center) (9,400 lm) brightness up to WUXGA resolution. The RZ970 builds on the features and the technology of Panasonic's multi-award-winning PT-RZ670 Series, but with approximately 1.5 times more brightness and with picture quality approaching that of its 3-Chip DLP™ models.

Aimed at rental, exhibition, hall, signage, and surveillance applications, the PT-RZ970 Series is engineered for maintenance-free long-haul operation. It features an airtight optical engine block that's tested to exceed the industry's most stringent dustproofing standards as well as dual solid-state laser modules to maintain high brightness with no maintenance for up to 20,000 hours<sup>\*4</sup>. The compact PT-RZ970 Series is also one of the industry's most flexible to install permanently or rig temporarily, with free 360-degree cabinet rotation (horizontal and vertical) and wide-range powered lens shift with keystone correction and built-in Geometric Adjustment. Together with a DIGITAL LINK single-cable connection to reduce cabling costs and optional lenses that are compatible with all Panasonic 1-Chip DLP™ projectors, these features keep TCO to a minimum.

The RZ970 Series also includes a new high-speed backup input that switches almost instantly to a backup should the primary signal fail, ensuring the highest reliability in situations where the image display should not be interrupted, such as surveillance and simulation rooms. And in spaces where full brightness is not required, a selection of long-life modes is available to extend light source life to up to 10 years of continuous 24/7 operation. The PT-RZ970 Series includes PT-RZ970 (WUXGA), PT-RW930 (WXGA) and PT-RX110 (XGA), all available in June 2016.

### **PT-JX200 Space Player DLP™ Laser Projectors**

Updating Panasonic's popular spot-light shaped 1-Chip DLP™ hybrid lighting/projector with 2,000 lm of brightness (XGA), and a long-life laser light-source, the PT-JX200 expands possibilities in retail, hotels, museums and exhibitions by highlighting objects with light and moving media. Easy installation on lighting track, flexibly adjustable projection angle, and exceptionally long life (20,000 hour light source) without the need to change bulbs or provide periodic maintenance makes the Panasonic Space Player a great solution for specialty projection. Customized scheduling features and SD Card updates over Wi-Fi® simplify operation. The PT-JX200 Space Player will be available November 2016

### **PT-RZ570 Series 1-Chip DLP™ SOLID SHINE Laser Projectors**

The PT-RZ570 Series balances 5,400 lumens (center) / 5,200 lumens of brightness, brilliant picture quality, marathon up to 20,000-hour\*6 maintenance-free 24/7 continuous operation, filter-free and practical features that make this new model ideal for education, corporate and digital signage applications. Utilizing the latest DLP™ module for WUXGA resolution and a new-generation of solid-state laser diodes, the PT-RZ570 has a four-segment Quartet Color Harmonizer color wheel that reduces energy loss from the light source, boosting perceived brightness and improving color accuracy. The combination of these technologies result in picture quality which exceeds that of competitive lamp-based projectors, making text and graphics clear and comfortable for everyone to view. It also features DIGITAL LINK connectivity based on HDBaseT™ technology that supports long distance transmission of HDMI signals and more through a single LAN cable. The PT-RZ570 is now available in white (WU) or black (BU) cabinets.

### **PT-FZ570 Series LCD Projectors**

The new PT-FZ570 Series offers exceptional durability, low maintenance, and outstanding picture quality for standard-sized classrooms or meeting rooms. The projectors have been engineered for ultimate endurance with lamp replacement extended to 8,000 hours (ECO Mode) and reusable Super Eco Filter replacement to 16,000 hours—equating to years of maintenance-free periodic operation. Lamp and filter replacement takes just moments even with the projector mounted on the ceiling. The dust-resistant cabinet features a one-way airflow to limit dust buildup, which can reduce brightness over time. These bright, versatile projectors (which update the award-winning PT-FW430 Series) are offered in three variants: the newly added PT-FZ570U (4,500 lm) with WUXGA resolution, the PT-FW530U (WXGA/4,500 lm) and the PT-FX500U (XGA/5,000 lm). All models in the Series featuring a high 10,000:1 contrast ratio.

### **PT-EZ590 Series LCD Projectors**

With intended applications in classrooms, conference rooms, and lecture halls, the compact PT-EZ590 Series includes five different models, capable of delivering up to 5,400 lm of brightness in WUXGA resolution (6,200 lm in XGA) and doubles the contrast versus PT-EZ580 Series predecessor models from 5,000:1 to 10,000:1 (PT-EZ590/EW650/EX620)\*5. Daylight View Basic technology uses a built-in sensor to measure ambient light and helps produce sharp, easy-to-view images that would otherwise be difficult to see in brightly lit rooms. Lamp and filter replacement takes just moments even when installed upside down on the ceiling, while the long-life Eco Filter lasts up to 15,000 hours and can be washed and reused twice before requiring replacement. Lamp replacement cycle is up to 5,000 hours in ECO mode. Installation flexibility is outstanding. The PT-EZ590 Series features powered horizontal/vertical lens shift and 1.8X zoom lens as standard, four optional power zoom/focus lenses are available that assure convenience, versatility and allow the user to easily make adjustments via the remote control.

**InfoComm16 takes place June 8–10, 2016, at the Las Vegas Convention Center, Las Vegas. For more information on Panasonic solutions for business, please visit <http://us.panasonic.com/business-solutions>**

Sales inquiries for Panasonic's Visual Systems technology solutions should be directed to [sales.psc@us.panasonic.com](mailto:sales.psc@us.panasonic.com) or 877-726-2767.

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### **Panasonic Solutions for Business**

Panasonic delivers game-changing technology solutions that deliver a customized experience to drive better outcomes—for our customers and our customers' customers. Panasonic engineers reliable products and solutions that help to create, capture and deliver data of all types, where, when and how it is needed. The complete suite of Panasonic professional solutions for government and commercial enterprises of all sizes addresses unified business communications, mobile computing, security and surveillance, retail point-of-sale, office productivity, visual communications (projectors, displays, digital signage) and HD video production. Panasonic solutions for business are delivered by Panasonic System Communications Company of North America, Division of Panasonic Corporation of North America, the principal North American subsidiary of Panasonic Corporation.

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### **About Panasonic Corporation of North America**

Panasonic Corporation of North America provides a broad line of digital and other electronics products and solutions for consumer, business and industrial use. The company is the principal North American subsidiary of Osaka, Japan-based Panasonic Corporation and the hub of Panasonic's U.S. branding, marketing, sales, service and R&D operations. In Interbrand's 2014 annual "[Best Global Green Brands](#)" report, Panasonic ranked number five overall and the top electronics brand in the report. As part of continuing sustainability efforts, Panasonic Corporation of North America relocated its headquarters to a new facility, built to meet LEED certification standards, adjacent to Newark Penn Station in Newark, NJ. Learn more about Panasonic at [www.panasonic.com](http://www.panasonic.com).

*\*1 Measured at center of screen*

*\*2 Maximum physical resolution*

*\*3 With Dynamic Contrast Mode set to 3*

*\*4 At this time the brightness will have decreased to approximately half of its original level (Dynamic Contrast Mode: 3, Image Mode: Dynamic). Light source lifetime may be reduced depending on environmental conditions*

*\*5 10,000:1 contrast featured on PT-EZ590/EW650/EX620 only. PT-EW550/EX520 features 2,000:1 contrast as per legacy models*

*\*6 At 20,000 hours, projector brightness will have decreased to approximately half of its original level. Light source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light source may be required in a shorter period*

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