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Panasonic Projectors to Light up London 2012 Olympic Games Opening Ceremony

The London 2012 Olympic Games Opening Ceremony will officially mark the start of the Games. The title of the Ceremony is "Isles of Wonder", inspired by Shakespeare's *The Tempest*, and it will include the parades from competing nations, the entrance of the Olympic Flame and the Receiving of the Head of State Ceremony where Her Majesty the Queen will be greeted by Jacques Rogge president of the International Organising Committee of the Olympic Games.

Today Panasonic the Official Worldwide Audio Visual Sponsor of the Olympic Games, has proudly announced it will be providing the very latest ultra bright projection technology to light up the Opening Ceremony¹ with incredible images, vivid colours and high resolution detail. The new Panasonic twenty thousand lumens² brightness PT-DZ21K Series projectors use 3-Chip DLP™ technology to generate previously unsurpassed levels of projector brightness from Panasonic and are rich in features making them extremely versatile for a range of uses. Their world leading form factor makes them the lightest and most energy efficient 20K lumens projector developed. Simple to install in restrictive areas, with a relatively low power consumption of approximately 2,300 watts and with a geometric adjustment function that allows projected images to be shaped enabling them to be 'wrapped' to specially shaped screens and complex surfaces.

It remains to be seen exactly how the Panasonic projectors will be used as part of the Opening Ceremony but with less than 100 days to go, it won't be long before the world will find out.

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¹ Panasonic will provide PT-DZ21K and PT-DS20K 20,000 lumens brightness WUXGA (1,920 × 1,200) and SXGA+ (1,400 × 1,050) projectors for use in the London 2012 Olympic Games Opening Ceremony

² 20,000 lumens brightness measured with ISO 21118 compliance

Notes to Editor

Final Specifications

PT-DZ21K
20,000 lm
WUXGA (1,920 × 1,200)

PT-DS20K
20,000 lm
SXGA+ (1,400 × 1,050)

High Reliability and Low TCO with Easy Maintenance

- Up to 2,000-hour³ lamp replacement cycle.
- The four-lamp system allows the projector to keep working even if a lamp should fail.
- The Lamp Relay mode also operates the lamps alternately to enable 24/7 projection. Four, three, two and one lamp modes can be used.
- Environment-friendly, low power consumption of 2,300 W.
- Easy lamp replacement from the rear.
- Newly developed optical engine and liquid cooling system minimize the hassle of maintenance.
- Liquid cooling system allows use in ambient temperatures from 0 °C to 45 °C (from 32 °F to 113 °F)⁴ with a compact body and quiet operation.
- A dust-resistant cabinet and new, reusable “Eco Filter” that needs no replacement for 12,000 hours⁵ protect optical components from dust.
- Optional Smoke Cut Filter ET-SFR510 available.

Splendid Image from a Compact Body

- Panasonic’s unique quad-lamp system, with its new high-power lamps, has helped to make the body extremely compact while providing an astounding 20,000 lm⁶ of brightness.
- Compact size, light weight and low operating noise let the PT-DZ21K Series suit more applications.
- The new dynamic iris achieves a high contrast ratio of 10,000:1.
- Detail Clarity Processor 3 brings depth and clarity to details.
- System Daylight View 2 enhances colour perception with no need to turn off the lights.
- The DICOM Simulation mode.⁷
- Active 3D projection capability (PT-DZ21K/ DS20K).
- Waveform monitor function.
- Fine-adjustable colour temperature.
- Full 10-bit signal processing.
- Advanced technologies for excellent image quality: 3D colour management system, HD IP conversion, Digital noise reduction, Dynamic sharpness control.

³ The usage environment affects the lamp replacement cycle.

⁴ The operating temperature range is 0 °C to 40 °C (32 °F to 104 °F) when the HIGH ALTITUDE MODE is set to ON (for altitudes from 1,400 m to 2,700 m (4,593 ft to 8,858 ft) above sea level). When used with the Smoke Cut Filter, the operating temperature range is 0 °C to 35 °C (32 °F to 95 °F).

⁵ The usage environment affects the duration of the filter.

⁶ The PT-DW17K has 17,000 lm of brightness.

⁷ This product is not a medical instrument. Do not use it for actual medical diagnosis.



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About Panasonic

Panasonic Corporation is a worldwide leader in the development and manufacture of electronic products for a wide range of consumer, business, and industrial needs. Based in Osaka, Japan, the company recorded consolidated net sales of 8.69 trillion yen (€79 billion) for the year ended March 31, 2011. The company's shares are listed on the Tokyo, Osaka, Nagoya and New York (NYSE:PC) stock exchanges. For more information on the company and the Panasonic brand, visit the company's website at <http://panasonic.net/>

About Panasonic System Communications Company Europe (PSCEU)

PSCEU is the European branch of Panasonic Systems Communications Company, the global B2B division of Panasonic. PSCEU's goal is to improve the working lives of business professionals and help their organisations efficiency and performance. We help organisations capture, compute and communicate all sorts of information: image, voice, and textual data. Products include PBX telephone switches, document printers, professional cameras, projectors, large visual displays and rugged mobile PCs. With around 500 staff, engineering design expertise, global project management capability and a large European partner network, PSCEU offers unrivalled capability in its markets.