A Bright 10,600 lm*1 in a Compact Body

Brightness and Picture Quality

- Panasonic’s original dual-lamp system, with its new 355-W lamp, has helped to make the body as compact as Panasonic’s original PT-D7700E Series, while providing a full 10,600 lm*1 of brightness.
- 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 for enhanced colour perception.
- A waveform monitor function enables easy adjustment of black and white levels. (PT-DZ110XE)
- The DICOM Simulation mode reproduces easy-to-view rendering of X-ray photos.*2

Reliability and Stability

- Panasonic’s original Dual Lamp System eliminates the interruption if a lamp should fail (in dual-lamp operation mode). The Lamp Relay mode also operates the lamps alternately to enable 24/7 projection. Operation is possible in temperatures up to 45°C.*3 A dust-resistant optical block is also employed. These features combine to ensure high reliability.
- The Auto Cleaning Filter (ACF) eliminates the need to clean the air filter for up to 10,000 hours.*4

Enhanced Installation Flexibility

- A lens-centred design, a wide range of optional lenses, powered HV-lens shift, and flexible vertical 360-degree installation enable smooth flexibility for use in various locations.
- The Multi-Unit Brightness Control function automatically adjusts and controls brightness variation over multiple screens.
- The Multi-Screen Support System optimally adjusts multiple screens.
- The Geometric Adjustment function lets you project images onto specially shaped screens without distortion. (PT-DZ110XE/DS100XE)
- Versatile interfaces are provided, including an HD/SD-SDI input terminal (except the PT-DW90XE) and an HDMI input terminal.
- The Multi Projector Monitoring & Control Software allows multiple projectors to be managed together over a wired LAN.
- Direct Power Off lets you directly shut off the power supply breaker.
- A Scheduling function enables timed operation using only the projector controls.
- Environment-friendly, low standby power consumption of 0.3 W (Standby mode: eco)

*1 The PT-DW90XE has 9,600 lm of brightness.
*2 This product is not a medical instrument. Do not use it for actual medical diagnosis.
*3 The operating temperature is 0°C to 40°C when the fan control is set to High Altitude mode (for over 1,400 m to 2,700 m above sea level).
*4 The replacement cycle given here is a guideline. It may be shorter depending on the usage environment.
Specifications (Tentative)

<table>
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<tr>
<th>Model</th>
<th>PT-DZ110XE</th>
<th>PT-DS100XE</th>
<th>PT-DW90XE</th>
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**Power supply**
- 220–240 V AC, 5 A, 50/60 Hz
- 960 W (1,000 VA at 240 V AC) (Standby mode eco 1: 0.3 W, standby mode normal: 8 W)
- 1,000 W (1,000 VA at 240 V AC) (Standby mode eco 1: 0.3 W, standby mode normal: 8 W, both with fan stopped)

**DLP™ chip**
- 0.95-inch diagonal (4:3 aspect ratio) DLP™ chip x 3 (R, G, B), DLP™ projection system
- 3,147,264 pixels
- 960 W (1,000 VA at 240 V AC) (Standby mode eco 1: 0.3 W, standby mode normal: 8 W, both with fan stopped)

**Lens**
- Optional powered zoom/focus lenses

**Power consumption**
- 960 W (1,000 VA at 240 V AC) (Standby mode eco 1: 0.3 W, standby mode normal: 8 W, both with fan stopped)

**Projection size**
- 70–600 inches, 16:10 aspect ratio
- 1,049,089 (1,366 x 786) x 3
- 9,360 lm (dual lamp, medium mode)

**Brightness**
- 10,600 lm (dual lamp, high mode)

**Centre-to-corner uniformity**
- 90 %

**Contrast**
- 10,000:1 (full on/full off, in dynamic iris 3 mode)

**Resolution**
- 1,920 x 1,200 pixels
- 1,400 x 1,050 pixels (input signals that exceed this resolution will be converted to 1,400 x 1,050 pixels)
- 1,368 x 768 pixels (input signals that exceed this resolution will be converted to 1,368 x 768 pixels)

**Scanning frequency**
- H: 15 kHz–100 kHz, V: 24 Hz–120 Hz
- Power consumption: 960 W (1,000 VA at 240 V AC) (Standby mode eco 1: 0.3 W, standby mode normal: 8 W, both with fan stopped)

**Weights and dimensions**
- Approximately 25.0 kg (optional lens not included)

**Cabinet materials**
- Moulded plastic

**Dimensions (W x H x D)**
- 530 mm x 200 mm x 548.5 mm (with legs at shortest position, optional lens not included)

**Power cord with security lock, wireless/wired remote control unit, batteries for remote control (R6 x 2), safety wire rope**

**Optional accessories**
- PT-DS1100XE
- PT-DW90XE

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