



**1DLP - 7000 lumens - WXGA - 2Lamps - RBG Booster,  
Digital Link**

## **PT-DW750**

The quietest high brightness fixed installation projector Designed for for museums, exhibitions and digital signage applications

### **Key Features**

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1-Chip DLP, 7000 lumens, WXGA

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Dual lamp system with up to 6000 hours lamp life (in eco mode). Lamp relay mode enables 24/7 operation

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Dust-resistant optical engine allows filter-less design

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Multi-screen support including edge blending and colour matching function



## PT-DW750

<https://eu.connect.panasonic.com/fi/en/products/projectors/pt-dw750>

<b>Power Supply</b>	100-240 V AC, 9.0-4.0 A, 50/60 Hz
<b>Power Consumption</b>	790 W (810 VA) (0.3 W with STANDBY MODE set to ECO, 3 W with STANDBY MODE set to NORMAL)
	max. 2,696 BTU (without light output: 2,601 BTU)
<b>DLP™ Chip   Panel Size</b>	mm (0.65 in) diagonal (16:10 aspect ratio)
<b>DLP™ Chip   Display Method</b>	DLP™ chip x 1, DLP™ system
<b>DLP™ Chip   Pixels</b>	1,024,000 (1,280 x 800) x 1, total of 1,024,000 pixels
<b>Lens</b>	PT-DW750W/DW750B  Powered zoom/focus lenses (1.7-2.4:1), F 1.7-1.9, f 25.6-35.7 mm  PT-DW750LW/DW750LB  Optional powered zoom/focus lenses and fixed-focus lens
<b>Lamp</b>	310 W UHM lamps (x 2)
<b>Screen Size</b>	1.27-15.24 m (50- 600 inches)  *1.27 - 5.08 m (50 - 200 inches) with the ET-DLE055 (16:10 aspect ratio)  *2.54 - 8.89 m (100 - 350 inches) with the ET-DLE030 (16:10 aspect ratio)
<b>Brightness</b>	7,000 lumens (dual lamp, LAMP MODE: NORMAL)
<b>Center-to-Corner Uniformity</b>	90%
<b>Contrast</b>	3,000:1 (full on/full off, in dynamic iris 3 mode)
<b>Resolution</b>	1,280 x 800 pixels
<b>Scanning Frequency   HDMI/DVI-D</b>	fH: 15-100 kHz, fV: 24-120 Hz, dot clock: 25-162 MHz
<b>Scanning Frequency   RGB</b>	fH: 15-100 kHz, fV: 24-120 Hz, dot clock: 20-162 MHz
<b>Scanning Frequency   YPBPR (YCBCR)</b>	525i (480i): fH 15.75 kHz; fV 60 Hz,  625i (576i): fH 15.63 kHz; fV 50 Hz,  525p (480p): fH 31.50 kHz; fV 60 Hz,  625p (576p): fH 31.25 kHz; fV 50 Hz,  750 (720)/60p: fH 45.00 kHz; fV 60 Hz,  750 (720)/50p: fH 37.50 kHz; fV 50 Hz,  1125 (1035)/60i: fH 33.75 kHz; fV 60 Hz,  1125 (1080)/60i: fH 33.75 kHz; fV 60 Hz,  1125 (1080)/50i: fH 28.13 kHz; fV 50 Hz,  1125 (1080)/25p: fH 28.13 kHz; fV 25 Hz,  1125 (1080)/24p: fH 27.00 kHz; fV 24 Hz,  1125 (1080)/24sF: fH 27.00 kHz; fV 48 Hz,  1125 (1080)/30p: fH 33.75 kHz; fV 30 Hz,  1125 (1080)/60p: fH 67.50 kHz; fV 60 Hz,  1125 (1080)/50p: fH 56.25 kHz; fV 50 Hz
<b>Scanning Frequency   Video/S-Video</b>	fH: 15.75 kHz, fV: 60 Hz [NTSC/NTSC4.43/PAL-M/PAL60]  fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]
<b>Optical Axis Shift</b>	Vertical: -16% - +60% (powered),  horizontal: -10% - +30% (powered)  (-10% - +28% with the ET-DLE085/DLE105)  NOTE: Optical axis shift function cannot be operated when used with the ET-DLE055.  If using the ET-DLE030, the optical axis is fixed.
<b>Keystone Correction Range</b>	Vertical ±40°, horizontal: ±15°  (Vertical: ±22° with the ET-DLE055/DLE085/DLE105),  (Vertical: ±5° with the ET-DLE030)  Curved correction (Geometric adjustment)  4 corner correction
<b>Installation</b>	Ceiling/floor, front/rear
<b>Terminals   HDMI In</b>	HDMI 19-pin x 1, Deep Color, compatible with HDCP
<b>Terminals   DVI-D In</b>	DVI-D 24-pin x 1, DVI 1.0 compliant, HDCP compatible,  for single link only
<b>Terminals   RGB 1 In</b>	BNC x 5

<b>Terminals   RGB 1 In   R, G, B</b>	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
<b>Terminals   RGB 1 In   Y, PB, PR (Y, CB, CR)</b>	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
<b>Terminals   RGB 1 In   S-Video Signal</b>	Y: 1.0 Vp-p, C: 0.286 Vp-p, 75 ohms
<b>Terminals   RGB 1 In   Video Signal</b>	1.0 Vp-p, 75 ohms
<b>Terminals   RGB 2 In</b>	D-sub HD 15-pin (female) x 1
<b>Terminals   RGB 2 In   R, G, B</b>	R: 0.7 Vp-p, 75 ohms, G: 0.7 Vp-p (G: 1.0 Vp-p for sync on G), 75 ohms, B: 0.7 Vp-p, 75 ohms HD, VD/SYNC: TTL, high impedance, positive/negative automatic NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.
<b>Terminals   RGB 2 In   Y, PB, PR (Y, CB, CR)</b>	Y: 1.0 Vp-p (including sync signal), PB/PR (CB/CR): 0.7 Vp-p, 75 ohms
<b>Terminals   Serial In</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals   Serial Out</b>	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
<b>Terminals   Remoter 1 In</b>	M3 jack x 1 for wired remote control
<b>Terminals   Remoter 1 Out</b>	M3 jack x 1 for link control
<b>Terminals   Remoter 2 In</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals   LAN/DIGITAL LINK</b>	RJ-45 x 1 for network and DIGITAL LINK (video/network/serial control) connection, 100Base-TX, compatible with Art-Net, compliant with PjLink™ (class 1), Deep Color, compatible with HDCP,
<b>Terminals   USB</b>	DC OUT (5V/0.9A)
<b>Power Cord Length</b>	3.0 m (9 ft 10 in)
<b>Cabinet Materials</b>	Molded plastic (PT-DW750W/DW750LW : White) (PT-DW750B/DW750LB : Black)
<b>Dimensions (W x H x D)</b>	498 x 175 x 521 mm (19-19/32 x 6-7/8 x 20-1/2 inches) (with supplied lens) 498 x 175 x 508 mm (19-19/32 x 6-7/8 x 20 inches) (without lens, with lens cover) 498 x 175 x 498 mm (19-19/32 x 6-7/8 x 19-19/32 inches) (without lens and lens cover)
<b>Weight</b>	Approx. 17.8 kg (39.2 lbs) (with supplied lens) Approx. 17.0 kg (37.5 lbs) (without lens)
<b>Operating Noise</b>	30 dB (dual lamp operation, LAMP MODE: NORMAL), 28 dB (dual lamp operation, LAMP MODE: ECO)
<b>Operating Temperature</b>	0-45 °C (32-113 °F)
<b>Operating Humidity</b>	10%-80% (no condensation)
<b>Technology</b>	1-Chip DLP
<b>Note</b>	Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice.  *1 When the STANDBY MODE is set to ECO, network functions such as power on over the LAN network will not operate, and the serial output terminal cannot be used. Also, only certain commands can be received for external control using the serial terminal.  *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.  *3 With legs at shortest position.  *4 Average value. May differ depending on models.  *5 The operating temperature range is 0 °C to 40 °C (32 °F to 104 °F) when the fan control is set to High Altitude mode (for altitudes from 1,400 m to 2,700 m (4,593 ft to 8,858 ft) above sea level). Also, if the ambient temperature exceeds 40 °C (104 °F) (35 °C (95 °F) in High Altitude mode) when the projector is being used with Lamp Select set to Dual and Lamp Power set to High, the light output may be reduced approximately 20% to protect the projector.