

**PT-DZ12000E**  
DLP Projector

Professional 3-Chip DLP projector with WUXGA resolution (1.920\*1.200 pixels)

Ultra high brightness of 12.000 ANSI Lumen with 4 x 300W UHP lamp

Geometrical adjustment for projection on spheres, domes and curved screens

Highest flexibility through compact size, easy set up and multi screen support

Maximum reliability with quad lamp system, auto cleaning robot and network function

High efficiency due to optimized power consumption by lumen

The ultimate in flexibility and reliability for any high brightness application



**DLP Device**

<b>Device</b>	DLP™ chip x 3 (R, G, B), DLP™ projection system
<b>Pixels</b>	2,304,000 (1,920 x 1,200) x 3, total of 6,912,000 pixels

**Lens**

<b>Type</b>	Optional powered zoom/focus lenses
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**Lamp**

<b>Type</b>	300 W UHM™ lamp x 4
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**Screen**

**Size [mm]**

<b>Minimum</b>	1778.0
<b>Maximum</b>	15240.0

**Projection Distance [m]**

<b>Minimum</b>	1.1
<b>Maximum</b>	103.3
<b>Aspect Ratio</b>	16:10
<b>Colours</b>	16.7 million
<b>Colour System</b>	7 standards (NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM)

<b>Brightness (lumens)</b>	12000.0
<b>Contrast (high mode)</b>	5000:1 (full on/full off, in dynamic iris 3 mode)

## Resolution

<b>Native</b>	1,920 x 1,200 pixels (Input signals that exceed this resolution will be converted to 1,920 x 1,200 pixels.)
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## Terminals

<b>DVI-D</b>	yes
<b>HDMI</b>	no
<b>RGB In</b>	yes
<b>RGB Out</b>	no
<b>Composite Video</b>	yes
<b>S-Video</b>	yes
<b>SCART</b>	no
<b>Audio In</b>	no
<b>Audio Out</b>	no
<b>LAN</b>	yes
<b>Serial</b>	yes
<b>RS232 In</b>	yes
<b>RS232 Out</b>	yes
<b>Remote In</b>	yes
<b>USB Mouse</b>	no
<b>Keystone Correction Range</b>	Vertical: $\pm 40^\circ$ ( $\pm 22^\circ$ with the ET-D75LE5, $\pm 28^\circ$ with the ET-D75LE6)

## Scanning Frequency

<b>RGB</b>	Horizontal: 15 – 100 kHz, Vertical: 24 – 120 Hz*2, Dot clock: 20–162 MHz
<b>YPaPr</b>	480i ~ 1080 fH
<b>S-Video / Video</b>	Horizontal: 15.75/15.63 kHz, Vertical: 50/60 Hz, (NTSC, NTSC4.43, PAL, PAL60, PAL-N, PAL-M, SECAM)
<b>Optical Axis Shift</b>	$\pm 55\%$ ( $\pm 44\%$ with the ET-D75LE6) from center of screen, powered; $\pm 20\%$ ( $\pm 15\%$ with the ET-D75LE6) from center of screen, powered
<b>Installation</b>	Ceiling/floor, front/rear

## General

<b>Power Supply</b>	220–240 V AC, 9.5 A, 50/60 Hz (3-wire single-phase)
<b>Power Cord Length [m]</b>	3.0
<b>Cabinet Material</b>	Molded plastic

## Dimensions [mm]

<b>Width</b>	578.0
<b>Height</b>	320.0
<b>Depth</b>	643.0

**Weight [kg]** 35.0

**Power Consumption [W]**

**Standby** 15.0

**Normal Operation** 1500.0

**Operating Environment**

**Temperature** 0°-45°C

**Humidity** 10%–80% (no condensation)

**Remote Control Unit**

**Power Supply** 3 V DC (AA battery x 2)

**Operation Range** Approx. 30 m when operated from directly signal receptor

**Dimensions [mm]**

**Width** 51.0

**Height** 22.7

**Depth** 176.0

**Weight [g]** 134.0

**Standard Accessories** Power cord, Wireless/wired remote control unit, Batteries for remote control (x 2), Eye bolts (x 4), Wire rope

**Optional Accessories** Zoom lens (0.9 – 1.1:1): ET-D75LE6  
 Zoom lens (1.4 – 1.8:1): ET-D75LE1  
 Zoom lens (1.8 – 2.8:1): ET-D75LE2  
 Zoom lens (2.8 – 4.6:1): ET-D75LE3  
 Zoom lens (4.6 – 7.4:1): ET-D75LE4  
 Zoom lens (7.3 – 13.8:1): ET-D75LE8  
 Fixed-focus lens (0.7:1): ET-D75LE5  
 SD-SDI/network board: ET-MD77SD1  
 HD-SDI/SD-SDI/network board: ET-MD77SD3  
 DVI-D/network board: ET-MD77DV  
 ET-LAD12K (one unit); ET-LAD12KF (a set of four lamps)  
 Ceiling mount bracket for high ceilings ET-PKD100H  
 Ceiling mount bracket for low ceilings ET-PKD100S  
 Frame ET-PFD100  
 Carrying handle ET-HAD100  
 Dual link HD-SDI board: ET-MD100SD4  
 Smoke cut filter ET-SFD100

**Diagonal [mm]**

**Minimum Diagonal** 1778.0

**Maximum Diagonal** 15240.0