



## 1-Chip DLP™ Laser light source models

**1-Chip DLP Laser - 5,400lm (center) / 5,200lm (ANSI) -  
WUXGA - Digital Link - 24/7 Operation - Solid Shine  
Laser - 360° Flexible Installation**

### **PT-RZ570**

Endurance Solid Shine laser projector Designed for education and corporate applications

#### Key Features

Laser 1-chip DLP, 5,400 lumens (center), WUXGA

High brightness and excellent image quality with laser light source

Maintenance free up to 20000 hours with dust-resistant optical block and long lasting laser engine

Free 360-degree installation

20,000:1 contrast ratio





## PT-RZ570

<https://eu.connect.panasonic.com/hu/en/products/projectors/pt-rz570>

<b>Power Supply</b>	AC100 - 240V 5.9 - 2.3A 50Hz/60Hz (Taiwan: AC110V 5.2A 60Hz)
<b>Power Consumption</b>	500W (530VA at 240V AC) (Taiwan: 520VA at 110V AC) NORMAL: 375W ECO: 350W SILENT: 350W SHUTTER 40W LONG LIFE 3: 407W *Operating Temperature: 25 °C (77 °F), Altitude: 700m (2297 ft), ICE627087: 2008 Broadcast contents, Picture mode: Standard, Dynamic contrast [ON]
<b>Power Consumption   Standby Mode (Eco)</b>	0.3W, 0.2W (Taiwan)
<b>Power Consumption   Standby Mode (Normal)</b>	3W
<b>BTU Value</b>	Max 1,706 BTU (Without light 1,638 BTU)
<b>DLP™ Chip Panel Size</b>	17.0 mm (0.67 in) diagonal (16:10 aspect ratio)
<b>DLP™ Chip Display Method</b>	DLP™ chip x 1, DLP™ system
<b>DLP™ Chip Pixels</b>	2,304,000 (1,920 x 1,200) x 1, total of 2,304,000 pixels
<b>Lens</b>	Manual zoom/focus lenses (1.46-2.94:1), F 2.0-3.4, f 21.5-43.0 mm
<b>Light Source</b>	Laser Diode  Luminance life for set: 20,000 hours at half luminance (NORMAL/SILENT)/ 24,000 hours at half luminance (Eco)  * Temperature: 35°C (95°F), Altitude 700m (2297ft), Dust: 0.15mg/m <sup>3</sup>
<b>Screen Size</b>	1.02- 7.62 m (40- 300 inches) (16:10 aspect ratio)
<b>Brightness</b>	5,400 lumens (center) /5,200 lumens
<b>Center-to-Corner Uniformity</b>	90%
<b>Contrast</b>	20,000:1 (full on/full off, dynamic contrast ON)
<b>Resolution</b>	1,920 x 1,200 pixels
<b>Scanning Frequency   HDMI/DVI-D</b>	fH: 15- 100kHz, fV: 24 - 120Hz, dot clock: 25 - 162 MHz  525i (480i), 625i (576i), 525p (480p), 625p (576p), 750 (720)/60p, 750 (720)/50p, 1125 (1080)/60i, 1125 (1080)/50i, 1125 (1080)/25p, 1125 (1080)/24p, 1125 (1080)/24sF, 1125 (1080)/30p, 1125 (1080)/60p, 1125 (1080)/50p, VGA (640 x 480) - WUXGA (1920 x 1200) compatible  with non-interlaced signals only
<b>Scanning Frequency   RGB</b>	fH: 15- 100kHz, fV: 24 - 120Hz, dot clock: 20 - 162 MHz
<b>Scanning Frequency   YPBPR (YCBCR)</b>	525i (480i): fH 15.75 kHz; fV 59.94 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: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60]  fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]
<b>Keystone Correction Range</b>	Vertical: ±40 °, Horizontal: ±20 ° (Up to a total of ±60 ° during simultaneous horizontal and vertical correction)
<b>Optical Axis Shift</b>	Vertical: -44%, +64%(manual)  Horizontal: -27%, +34%(manual)

<b>Installation</b>	Ceiling/ oor, front/rear, 360 degree free installation
<b>Terminals   Computer 1 In</b>	D-sub HD 15-pin (female) x 1 R,G,B: 0.7 Vp-p, 75 ohms, (G: 1.0 Vp-p, 75 ohms for sync on G) HD/VD, SYNC: TTL, high impedance, positive/negative automatic Y, PB, PR Y: 1.0 Vp-p(including sync signal), PB/PR(CB/CR): 0.7 Vp-p, 75 ohms Y/C Y: 1.0 Vp-p(including sync signal), C: 0.286 Vp-p, 75 ohms
<b>Terminals   Computer 2 In/1 Out</b>	D-sub HD 15-pin (female) x 1 R,G,B: 0.7 Vp-p, 75 ohms, (G: 1.0 Vp-p, 75 ohms for sync on G) HD/VD, SYNC: TTL, high impedance, positive/negative automatic Y, PB, PR Y: 1.0 Vp-p(including sync signal), PB/PR(CB/CR): 0.7 Vp-p, 75 ohms
<b>Terminals   DVI-D In</b>	DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, for single link only
<b>Terminals   HDMI In 1/HDMI In 2</b>	HDMI 19-pin x2, Deep Color, compatible with HDCP, Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
<b>Terminals   Video In</b>	Pin jack x 1, 1.0 Vp-p, 75 ohms
<b>Terminals   Audio In 1</b>	Pin jack x 2 (L-R) 0.5 Vrms, impedance: 22kilohms or more
<b>Terminals   Audio In 2/Audio In 3</b>	M3 (L-R) x 1, 0.5 Vrms, impedance: 22kilohms or more
<b>Terminals   Variable Audio Out</b>	M3 x 1 (monitor out, stereo) 0-1.80 Vrms, variable, out impedance: 22kilohms or less
<b>Terminals   Serial In</b>	D-sub 9 p x 1, for external control (RS-232C compliant)
<b>Terminals   DIGITAL LINK/LAN</b>	RJ-45 x 1, for network, DIGITAL LINK connection (HDBase™ compatible), 100BASE-TX, compatible with Art-Net, PLink™ (Class 1),Deep Color, HDCP2.2
<b>Terminals   LAN</b>	RJ-45 x 1, for network connection 10Base-T/100Base-TX,compatible with Art-Net, PLink™
<b>Terminals   DC Out</b>	USB Type A x 1, for power supply (DC5 V, max 900 mA)
<b>Power Cord Length</b>	3.0 m (9 ft 10 in)
<b>Cabinet Materials</b>	Molded plastic
<b>Dimensions (W x H x D)</b>	498 x 168 x 492mm (19-19/32 x 6-5/8 x 19-3/8in ) with supplied lens
<b>Weight</b>	Approx. 16.3kg (51.1 lbs)
<b>Operating Noise</b>	28 dB (Silent), 33 dB (Normal/Eco)
<b>Operating Temperature</b>	0 - 45 °C (32 - 113 °F)
<b>Operating Humidity</b>	10% - 80% (no condensation) at less than 4,200 m (13,780 ft.) above sea level
<b>Storage Temperature</b>	-20°C - 60°C (-4 - 140 °F)
<b>Storage Humidity</b>	10%-80%
<b>Technology</b>	1-Chip DLP Laser