Panasonic
BUSINESS

PT-RZ575   1-Chip DLP™ Projector

Available from Autumn 2016

Tentative

Efficient and Cost-Effective Laser Rear-Projection for Control Rooms, Surveillance Centers, and Museum Exhibition

SOLID SHINE LASER

PICTURE BY DLP™ A TEXAS INSTRUMENTS TECHNOLOGY

360°

24/7 Operation

DIGITAL LINK SINGLE CABLE SOLUTION

PT-RZ575	
Resolution	WUXGA
Brightness	4,800 lm (Center) / 4,600 lm*
Contrast	20,000:1

* Measured according to strict international ISO 21118 standards

Vivid Pictures Are Bright and Detailed

- SOLID SHINE Laser Technology with the Latest Diodes Delivers High 4,800 lm Brightness
- WUXGA Resolution with the Latest DLP™ Technology
- Dynamic Light Control for 20,000:1*[1] Contrast
- Rich Color Enhancer Prioritizes Color Saturation in Rooms Where Maximum Brightness is Unnecessary
- Accurate White Balance and Superior Color Reproduction Enabled By Quartet Color Harmonizer Technology
- Detail Clarity Processor 3 Assures Realistic Clarity for Fine Details
- Daylight View Basic Optimizes Images for Easy Visibility in Bright Environments

Excellent Reliability and Longer Life

- Laser Light Source with Original Panasonic Technology Delivers Approximately 20,000 hours*[2] of Continuous Operation
- Filterless Design Significantly Reduces Routine Maintenance
- Dust-Resistant Structure with Airtight Optical Block
- Selectable Operational Modes Extend Service Life to Up to 10 Years*[3]
- Constant Brightness Mode for Stable Performance in Surveillance Rooms
- Backup Input Setting Maintains Image Display for Mission-Critical Applications

Flexible and Functional Design

- Fixed Zoom Lens for Short-throw Rear Projection
- DIGITAL LINK Supports Transmission of Uncompressed Full HD Video and Control Commands Through a Single CAT 5e or Higher STP Cable for Distances of Up to 150 m (492 ft)*[4]
- Free 360-degree Vertical and Horizontal Installation
- Powered Focus and Lens Shift
- Quick Start*[5]/Quick Off (No Cool-down or Warm-up Required)
- Edge-blending Function Joins Screens Seamlessly
- Geometric Adjustment for Curved or Specially Shaped Screens
- Compatible with Art-Net, AMX, Crestron Connected™, and PJLink™
- Compatible with Optional Early Warning Software (ET-SWA100 Series)

Specifications (Tentative)

Model		PT-RZ575
Power supply		AC 100–240 V, 50/60 Hz
Power consumption		500 W (520 VA, 100 V AC), Normal: 375 W, Eco: 350 W, Silent: 350 W, Shutter: 40 W. [Operating temperature: 25 °C (77 °F), altitude: 700 m (2,297 ft), IEC62087: 2008 Broadcast Content, Picture Mode: Standard, Dynamic Contrast: ON], 0.5 W with STANDBY MODE set to ECO*1, 10 W with STANDBY MODE set to Normal (22 W with STANDBY MODE in AUDIO SETTING set to ON and QUICK STARTUP function disabled, 50 W with QUICK STARTUP function enabled). [Operating temperature: 25 °C (77 °F), altitude: 700 m (2,297 ft), IEC62087: 2008 Broadcast Content]
DLP™ chip	Panel size	17.0 mm (0.67 inches) diagonal (16:10 aspect ratio)
	Display method	DLP™ chip × 1, DLP™ projection system
	Pixels	2,304,000 (1920 × 1200) × 1
Lens		Fixed zoom lens (throw ratio 0.8:1, powered focus F 1.8, f 11.9 mm)
Light source		Laser diode (Laser class: Class 1) (Class 3R for North America) Luminance life: 20,000 hours at half luminance (Normal Mode, Temperature: 35 °C [95 °F], altitude: 700 m [2,297 ft], Dust: 0.15 mg/m^3)
Filter		Filter-Free (Dust resistant design)
Screen size (diagonal)		1.02–7.62 m (40–300 inches)
Brightness		4,800 lm (Center)*3 / 4,600 lm*2×3
Center-to-corner uniformity*2		90 %
Contrast*2		20,000:1 (Full On/Full Off, Dynamic Mode and Dynamic Contrast: ON)
Resolution		1920 x 1200 pixels
Scanning frequency	HDMI/DVI-D/DIGITAL LINK	fH: 27–100 kHz, fV: 24–120 Hz, dot clock: 25–162 MHz, 525i (480i)*4, 625i (576i)*4, 525p (480p), 625p (576p), 750 (720)/60p, 750 (720)/50p, 1125 (1080)/60i, 1125 (1080)/50i, 1125 (1080)/24p, 1125 (1080)/24sF, 1125 (1080)/30p, 1125 (1080)/60p, 1125 (1080)/50p, VGA (640 x 480)–WUXGA*5 (1920 x 1200), compatible with non-interlaced signals only
	RGB	fH: 15–100 kHz, fV: 24–120 Hz, dot clock: 20–162 MHz
	YPBPR (YCBCR)	fH: 15.73 kHz, fV: 59.94 Hz [525i (480i)], fH: 15.63 kHz, fV: 50 Hz [625i (576i)], fH: 31.50 kHz, fV: 60 Hz [525p (480p)], fH: 31.25 kHz, fV: 50 Hz [625p (576p)], fH: 45.00 kHz, fV: 60 Hz [750 (720)/60p], fH: 37.50 kHz, fV: 50 Hz [750 (720)/50p], fH: 33.75 kHz, fV: 60 Hz [1125 (1035)/60i], fH: 33.75 kHz, fV: 60 Hz [1125 (1080)/60i], fH: 28.13 kHz, fV: 50 Hz [1125 (1080)/50i], fH: 28.13 kHz, fV: 25 Hz [1125 (1080)/25p], fH: 27.00 kHz, fV: 24 Hz [1125 (1080)/24p], fH: 27.00 kHz, fV: 48 Hz [1125 (1080)/24sF], fH: 33.75 kHz, fV: 30 Hz [1125 (1080)/30p], fH: 67.50 kHz, fV: 60 Hz [1125 (1080)/60p], fH: 56.25 kHz, fV: 50 Hz [1125 (1080)/50p]
	Video	fH: 15.73 kHz, fV: 59.94 Hz (NTSC/NTSC4.43/PAL-M/PAL60), fH: 15.63 kHz, fV: 50 Hz (PAL/PAL-N/SECAM)
Optical axis shift*6	Vertical (from center of screen)	±4.4 % (powered)
	Horizontal (from center of screen)	±2.1 % (powered)
Keystone correction range		Vertical: ±25 °, Horizontal: ±20 °
Installation		Ceiling/floor, front/rear, free 360 ° installation
Terminals	HDMI IN	HDMI 19-pin × 2 (Deep Color, compatible with HDCP), Audio signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
	DVI-D IN	DVI-D 24-pin × 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
	COMPUTER 1 IN	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR/YC)
	COMPUTER 2 IN/1 OUT	D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR)
	VIDEO IN	Pin jack x 1 (composite video)
	AUDIO IN 1	Pin jack x 2 (L-R x 2)
	AUDIO IN 2/3	M3 x 1 (L-R x 1) / M3 x 1 (L-R x 1)
	AUDIO OUT	M3 x 1 (L-R x 1) (variable)
	SERIAL IN	D-sub 9-pin (female) × 1 for external control (RS-232C compliant)
	LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compatible with Art-Net, compliant with PJLink™(Class 1)
	DIGITAL LINK	RJ-45 x 1 for network/DIGITAL LINK connection (video/audio/network/serial control), 100BASE-TX, compatible with Art-Net, Deep Color, HDCP, compliant with PJLink™ (Class 1)
	USB	Type A x 1 (5 V, 900 mA)
Cabinet materials		Molded plastic
Dimensions (W × H × D)		498 x 168*8 x 481 mm (19 5/8˝ x 6 5/8˝*8 x 18 15/16˝)
Weight*7		Approximately 17.0 kg (37.5 lbs)
Operation noise*2		28 dB (Silent Mode), 33 dB (Normal/Eco Mode)
Operating environment		Operating temperature: 0–45 °C (32–113 °F)*9, operating humidity: 10–80 % (no condensation)
Supplied accessories		Power cord with secure lock x 1 (x 2 for EU models), wireless remote control unit × 1, batteries for remote control (R03/AAA or LR03/AAA type × 2), software CD-ROM (Logo Transfer Software, Multi Monitoring & Control Software × 1)

*1 When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. *2 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *3 With operation mode set to Normal. *4 Only compatible with dot clock frequency of 27 MHz (pixel repetition signal). *5 WUXGA resolution supports CVT-RB signals (WUXGA60RB) and CVT (WUXGA60/WUXGA50) signals. *6 When installed in conventional orientation, upper side and right side facing toward the screen are "+". When installed on the ceiling, bottom side and left side are "+". *7 Average value. May differ depending on the actual unit. *8 With legs at shortest position. *9 The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) when the projector is used at altitudes between 1,400 m (4,593 ft) and 4,200 m (13,780 ft) above sea level. When [PROJECTOR SETUP] menu > [OPERATION SETTING] > [OPERATING MODE] is set to [ECO] or [SILENT], the projector cannot be used at an altitude of 2,700 m (8,858 ft) or higher above sea level. When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level and the operating environment temperature is 35 °C (95 °F) or higher, light output may be reduced to protect the projector. When using the projector at an altitude between 2,700 m (8,858 ft) and 4,200 m (13,780 ft) and the operating environment temperature is 25 °C (77 °F) or higher, light output may be reduced to protect the projector.

Optional Accessories

■ Early Warning Software	■ DIGITAL LINK Switcher	■ DIGITAL Interface Box	■ Ceiling Mount Bracket	■ Projector Mount Bracket
ET-SWA100 Series	ET-YFB200G	ET-YFB100G	ET-PKD120H (for high ceiling) ET-PKD120S (for low ceiling)	ET-PKD130B

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For more information about Panasonic projectors, please visit:
Projector Global Website – **panasonic.net/avc/projector**
Facebook – **www.facebook.com/panasonicprojector**
YouTube – **www.youtube.com/user/PanasonicProjector**

All information included here is valid as of June 2016.

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