

Panasonic

ideas for life

P R E L I M I N A R Y
As of May 2012

PT-RZ470 Series

1-Chip DLP™ Projectors

PT-RZ470K/W is available from February 2013
PT-RW430K/W is available from January 2013

Panasonic's First Lamp-Free Projectors. New Standard to Professional Reliability



No Maintenance
20,000
HOURS

The PT-RZ470 and PT-RW430 use a LED/laser-combined light source for next-generation projection. Loaded with features for professional integration, the series expand projection capabilities in museums, digital signage and more.

PT-RZ470K/W	PT-RW430K/W
Above 3,000 lm	Above 3,000 lm
Full HD (1,920 × 1,080)	WXGA (1,280 × 800)
LED/laser light source	LED/laser light source

Both models are offered in black PT-RZ470K/RW430K or in white cabinet, PT-RZ470W/RW430W.

Going Beyond Conventional Projection

- **No More Maintenance**

Approximately 20,000 hours of maintenance-free time with long lasting high brightness and picture quality.

- **Installation Flexibility**

2× zoom and wide lens shift capability, largest in its class*, enable easy first time and replacement installations.

- **Portrait Mode Compatibility**

360 degrees installation and portrait mode compatibility enable projection onto many surfaces.

- **Digital Link**

Carry all uncompressed digital signal, control commands, audio from a single Cat5e/6 LAN cable for up to 100 m (328 ft) of long distance.

- **Virtually Instant Projection**

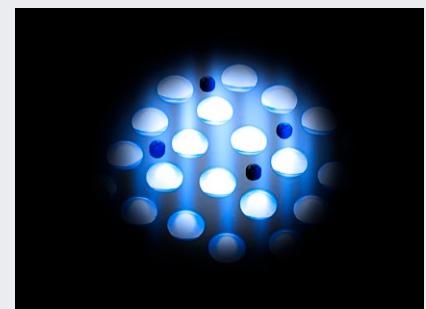
No warm up time and limitation to on/off cycle.

- **System Integration Features**

Edge Blending, Color Matching, Multi Unit Brightness Control and 3D capability all built into the RZ470 Series.

- **Low Power Consumption**

Low standby power consumption of about 0.4 W.



* As of June 1, 2012. For LED/laser based projector.

Benefits of RZ470 Series

1 Long-Lasting Reliability and High Picture Quality

- Approximately 20,000 hours of LED/laser operation
- 3,000 lumen class high brightness with Full-HD (1080p)*¹ resolution
- Superb contrast ratio of 20,000:1
- Vivid images with wide color space
- DICOM Simulation mode reproduces easy-to-view rendering of X-ray photos*²
- Rec. 709 mode for HDTV projection
- Daylight View Basic technology ensures clear images even in brightly lit rooms

2 Expanding Installation Flexibility

- 2x zoom and exceptionally wide lens shift range
- Vertical and horizontal 360 degrees installation
- Portrait mode compatible
- Digital Link powered by HDBaseT™ technology allows HDMI, and other full uncompressed HD video signals, audio, and control commands to be sent via a single Cat5e/6 LAN cable. Allows digital signal transfer to up to 100m (328ft)
- Compatible with optional ET-YFB100 or other switchers with HDBaseT™ chipset (Crestron's DigitalMedia 8G+™, Extron's XTP Systems and AMX's DGX Digital Media Switchers*³)
- No maintenance allows installation flexibility
- Lens-centered design

3 Professional System Integration

- Built-in Edge Blending and Color Matching
- Multi-Unit Brightness Control function
- 3D ready
- 24/7 continuous operation
- Virtually instant power on/off
- No limitation of on/off cycle
- No filter
- Eco Management feature for low power consumption
- Multi Projector Monitoring and Control Software allows multiple projectors to be managed together over a wired LAN or RS-232C
- Compatible with Crestron RoomView™
- Closed caption decoder built in for the US market

ECO Conscious Design

- Lamp-free (no mercury)
- No halogenated flame retardants are used in the cabinet
- RoHS Directive compliant
- Low heat dissipation

*¹ PT-RZ470 only *² This product is not a medical instrument. Do not use it for actual medical diagnosis.
*³ For complete list of compatible models, please visit the website (<http://panasonic.net/avc/projector/>). The site will be updated prior to the actual shipment of the units.

Specifications (Tentative)

Model		PT-RZ470K/W	PT-RW430K/W
DLP™ chip	Panel size Display method Pixels	16.5 mm (0.65 in) diagonal (16:9 aspect ratio) DLP™ chip × 1, DLP™ projection system 2,073,600 (1,920 × 1,080) pixels	16.5 mm (0.65 in) diagonal (16:10 aspect ratio) DLP™ chip × 1, DLP™ projection system 1,024,000 (1,280 × 800) pixels
Lens		Manual zoom (2x zoom), manual focus F 2.0–3.4, f 21.5–43.0 mm	
Throw ratio		1.5–2.9:1	1.5–3.1:1
Light source		LED and laser diodes	
Screen size (diagonal)		1.02–7.62 m (40–300 inches), 16:9 aspect ratio	1.02–7.62 m (40–300 inches), 16:10 aspect ratio
Brightness* ³		Above 3,000 lm	
Center-to-corner uniformity* ³		90 %	
Contrast* ³		20,000:1 (full on/off)	
Resolution		1,920 × 1,200 pixels (Input signals that exceed this resolution will be converted to 1,920 × 1,200 pixels.)	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)
Optical axis shift	Vertical Horizontal	+73%/-48% from center of screen (manual) +27%/-35% from center of screen (manual)	+69%/-46% from center of screen (manual) +28%/-37% from center of screen (manual)
Keystone correction range		Vertical: ±40°	
Terminals	DVI-I IN (digital) HDMI IN VIDEO IN COMPUTER 1 IN DVI-I IN (analog) AUDIO IN AUDIO OUT DIGITAL LINK IN SERIAL IN 3D SYNC OUT	DVI-I 29-pin × 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) HDMI 19-pin × 1 (Deep Color, compatible with HDCP) RCA × 1 D-sub 15-pin (female) × 1 (RGB/YPbPr) DVI-I 29-pin × 1 (RGB/YPbPr) M3 (L, R) × 1 M3 (L, R) × 1 RJ-45 × 1 (HDMI, linear PCM audio, 100Base-TX, compliant with PLink™) D-sub 9-pin (female) × 1 for external control (RS-232C compliant) Mini DIN 3-pin × 1 (for 3D transmitter connection)	
Dimensions (W × H × D)		455 × 125* ⁴ × 415 mm (17-29/32 × 4-29/32* ⁴ × 16-11/32 inches)	
Weight* ⁵		Approximately 10 kg (22 lbs)	
Operating environment		Operating temperature: 0 °C–45 °C (32 °F–113 °F), operating humidity: 20%–80% (no condensation)	
Supplied accessories		Power cord with secure lock, wireless remote control unit, batteries for remote control, software CD-ROM (Logo Transfer Software, Multi Projector Monitoring & Control Software)	

Optional accessories

- Ceiling mount bracket
ET-PKR100H (for high ceilings)
ET-PKR100S (for low ceilings)
- Interface box
ET-YFB100

*³ Measurement, measuring conditions and method of notation all comply with ISO 21118 international standards.
*⁴ With legs at shortest position.
*⁵ Average value. May differ depending on the actual unit.



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

Weights and dimensions shown are approximate. Specifications and appearance are subject to change without notice. Product availability differs depending on region and country. This product may be subject to export control regulations. DLP, DLP logo and DLP Medallion logo are trademarks or registered trademarks of Texas Instruments. The projection distances and throw ratios given in this leaflet are for use only as guidelines. For more detailed information, please consult the dealer from whom you are purchasing the product. The PLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. RoomView, Crestron RoomView, and Crestron Connected are trademarks of Crestron Electronics, Inc. AMX is a trademarks of AMX, LLC registered in the U.S. and other countries. All other trademarks are the property of their respective trademark owners. Projection images simulated. © 2012 Panasonic Corporation. All rights reserved.