

## 1-Chip DLP™ Projectors Evolve with 15,000 lm<sup>1</sup> on AC 100–240 V, Unlocking Ideas for Novel Experiences



### • Spectacular Visuals on a Grand Scale

Quad Pixel Drive<sup>2</sup> creates smooth 4K images, displays 2K/240 Hz<sup>3</sup> content without blur, and works with our ET-SWR10 Real-time Tracking Projection-Mapping System<sup>4</sup>. Rich Color Enhancer ensures accurate red for artwork, while Evolved Dynamic Contrast boosts image realism dramatically. Black-level settings offer precision point-based border adjustment for arbitrary screen shapes.

### • Effortless Workflow and Expanded Capabilities

REQ15/REZ15 expands functionality, interfaces, and options for a smoother workflow. It suits new optional lenses featuring powered center and periphery focus<sup>5</sup> and is Intel® SDM standard SLOT-compatible. The optimized optical engine enables projection at 15,000 lm<sup>1</sup> on AC 100–240 V power for efficient installation without needing electrical construction. Other highlights include the User Image Registration Function<sup>6</sup>, NFC function<sup>7</sup> for setup prep without AC power, and preactivated upgrade kits for Geo Pro<sup>8</sup>.

### • Supremely Reliable Maintenance-Free Operation

Both models feature an optical engine and laser light source module that conform to the IP5X Dust Protected (IEC 60529) standard<sup>9</sup> and a refined liquid cooling system. This technology enables up to 20,000 hours<sup>10</sup> of continuous maintenance-free projection. Backup Input<sup>11</sup> and Multi Laser Drive Engine further enhance reliability and add insurance against interruptions.

#### Preliminary Specification

	PT-REQ15	PT-REZ15
Light Output	15,000 lm <sup>1</sup>	
Resolution	4K (3840 x 2400) <sup>12</sup>	WUXGA (1920 x 1200)



<sup>1</sup> Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. <sup>2</sup> PT-REQ15 only. <sup>3</sup> PT-REQ15 only. Supports input signals up to 1080p. The display frame rate corresponds to the input signal frame rate. <sup>4</sup> Optional ET-SWR10 is used in conjunction with third-party devices (sold separately). Compatibility with third-party devices cannot be guaranteed. Other conditions apply. <sup>5</sup> Powered periphery focus adjustment is not supported on the ET-C1S600/T700/T800 lenses. <sup>6</sup> The user images that can be registered on this device are still image data meeting the following conditions. For PT-REQ15: PNG, BMP, or JPEG files with a resolution of 3840 x 2400 dots or less. For PT-REZ15: PNG, BMP, or JPEG files with a resolution of 1920 x 1200 dots or less. Please consult your retailer for detailed conditions. <sup>7</sup> Projectors sold in some countries or regions require an ET-NUK10 Upgrade Kit available from PASS to activate the NFC function. <sup>8</sup> Visit PASS to register your projector and download free Geometry Manager Pro software for Windows® (upgrade kits included). <sup>9</sup> The Dust Protected performance of this unit is not guaranteed to be free from damage or failure under all conditions (environment with conductive dust, etc.). Please use an enclosure in environments with smoke containing oil, salt, and moisture. <sup>10</sup> Around this time, the light output will have decreased by approximately 50%. IEC62087:2008 Broadcast Contents, NORMAL Mode, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m<sup>3</sup> of airborne particulate matter. Panasonic recommends a checkup at the point of purchase after about 20,000 hours. Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light source may be required in a shorter period. Estimated maintenance time varies depending on the environment. <sup>11</sup> Terminal assignment is fixed. Input signals to primary and backup inputs must be identical. <sup>12</sup> Maximum physical resolution with Quad Pixel Drive [ON]. <sup>13</sup> Only when the optional TY-SB01DL DIGITAL LINK Terminal Board is loaded. <sup>14</sup> Input signals to the PT-REZ15 are converted to the projector's display resolution upon playback. YPbPr 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.

Specifications (Tentative)

Model		PT-REQ15	PT-REZ15	
Projector type		1-Chip DLP™ projector		
DLP™ chip	Panel size	0.8 in. diagonal (16:10 aspect ratio)		
	Display method	DLP™ chip x 1, DLP™ projection system		
	Number of pixels	2,304,000 (1920 x 1200 pixels)		
Light source		Laser diode		
Light output <sup>1,2</sup>		15,000 lm		
Time until light output declines to 50 % <sup>3</sup>		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)		
Resolution		4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)	WUXGA (1920 x 1200 pixels)	
Contrast ratio <sup>1</sup>		25,000:1 (Full On/Full Off, Dynamic Contrast [3])		
Screen size (diagonal)		70–700 inches (with supplied lens)		
Center-to-corner zone ratio <sup>1</sup>		90 %		
Lens		Optional powered zoom/focus lenses		
Lens shift (From the origin point of the lens mounter)	Vertical	±60 % (with ET-C1W400/W500/S600/T700/T800), ±50 % (with ET-C1W300/U100), +88 % (with ET-C1U200)		
	Horizontal	±29 % (with ET-C1W400/W500/S600/T700/T800), ±23 % (with ET-C1W300/U100)		
Keystone correction range		Vertical: ±40 ° (±5 ° with ET-C1U100; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500), Horizontal: ±40 ° (±3 ° with ET-C1U100; ±5 ° with ET-C1W300; ±10 ° with ET-C1W400; ±15 ° with ET-C1W500)		
Installation		Ceiling/floor, front/rear, free 360-degree installation		
Terminals	HDMI™ 1/2 IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input <sup>4</sup> )		
	DisplayPort™	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input <sup>4</sup> )		
	MULTI SYNC IN	BNC x 1		
	MULTI SYNC OUT	BNC x 1		
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)		
	SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)		
	REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control		
	REMOTE 1 OUT	M3 stereo mini-jack x 1 for link control (for wired remote control)		
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)		
	LAN	RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible		
	USB	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory		
	DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)		
	Expansion slot	Open slot for function boards, Intel® SDM standard SLOT-compatible		
	Protocol versions		IPv4, IPv6 <sup>5</sup>	
Power supply		AC 100–240 V, 50/60 Hz		
Power consumption <sup>6</sup>	Maximum power consumption	(TBD)	(TBD)	
	On-mode power consumption (Operating mode)	NORMAL	(TBD)	(TBD)
		ECO	(TBD)	(TBD)
		QUIET	(TBD)	(TBD)
Operation noise <sup>1</sup>		(TBD)		
Dimensions (W x H x D)		498 x 212 x 538 mm (19 19/32" x 8 11/32" x 21 3/16") (Without lens with feet at shortest position)		
Weight <sup>7</sup>		27.0 kg (59.5 lbs)		
Operating environment		Operating temperature: 0–45 °C (32–113 °F) <sup>8</sup> , operating humidity: 10–80 % (no condensation)		
Applicable software		Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System <sup>9</sup> , Geometry Manager Pro, Smart Projector Control for iOS/Android <sup>4</sup>		
Control function via LAN		Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PLink™ (Class 2)		

<sup>1</sup> Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. <sup>2</sup> When [OPERATING MODE] is set to [NORMAL]. <sup>3</sup> Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m<sup>3</sup> of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment. <sup>4</sup> For the PT-REZ15, 4K signals are converted to WUXGA (1920 x 1200 pixels). <sup>5</sup> Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. <sup>6</sup> Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). <sup>7</sup> Average value. May differ depending on the actual unit. <sup>8</sup> When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft). <sup>9</sup> PT-REQ15 only.

Optional Accessories

- Mirror Fixed Lens**  
 ET-C1U200<sup>1</sup> (0.380:1)  
<sup>1</sup> Available from CY2025 Q2.
- Zoom Lens**  
 ET-C1U100 (0.308–0.330:1) / ET-C1W300 (0.550–0.690:1) / ET-C1W400 (0.680–0.950:1) / ET-C1W500 (0.940–1.39:1) / ET-C1S600 (1.36–2.10:1) / ET-C1T700 (2.07–3.38:1) / ET-C1T800<sup>1</sup> (3.34–6.05:1)<sup>2</sup>  
<sup>1</sup> Available from CY2025 Q2. <sup>2</sup> Throw ratio is tentative.  
 Note: Lenses are equipped with Auto Lens Identification Function.
- Ceiling Mount Bracket**  
 ET-PKD120H (for high ceilings)  
 ET-PKD120S (for low ceilings)  
 ET-PKD130H (with 6-axis adjustment mechanism)  
 Note: ET-PKD120H/PKD120S/PKD130H is used in combination with the ET-PKD130B (sold separately).
- Attachment for Ceiling Mount Bracket**  
 ET-PKD130B
- Function Boards**  
 12G-SDI Terminal Board TY-SB01QS  
 Wireless Presentation System Receiver Board TY-SB01WP  
 DIGITAL LINK Terminal Board TY-SB01DL  
 12G-SDI Optical Function Board TY-SB01FB  
 Note: Function boards are compatible with Intel® SDM standard SLOT.
- Wireless Module**  
 AJ-WM50 Series  
 Note: Product availability may vary by country or region. The suffix at the end of the model number is omitted. Operating temperature: 0–40 °C (32–104 °F).
- DIGITAL LINK Switcher / Digital Interface Box**  
 ET-YFB200G / ET-YFB100G  
 Note: ET-YFB200G/YFB100G is incompatible with 4K signals. Requires TY-SB01DL DIGITAL LINK Terminal Board.
- Media Processors**  
 Box-type: ET-FMP50/ET-FMP20  
 Note: Available from CY2024 Q2.  
 Function board-type: ET-SBFMP10  
 Note: ET-SBFMP10 is estimated for release in CY2024 Q4. Compatible with Intel® SDM standard SLOT.
- Wireless Presentation System PressIT**  
 TY-WPS1 (Basic set)  
 Note: Availability may vary by country or region.
- NFC Upgrade Kit**  
 ET-NUK10  
 Note: Product availability may vary by country or region.
- Real-Time Tracking Projection-Mapping System**  
 ET-SWR10  
 Note: For PT-REQ15 only. Availability may vary by country or region. Visit <https://panasonic.net/cns/projector/products/swr10> for more information.

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All information included here is valid as of January 2024.