Panasonic CONNECT

PRELIMINARY AS OF JANUARY 2024

PT-REQ15/PT-REZ15

1-Chip DLP™ Projectors

AVAILABLE FROM CY2024 Q2

Note: Release date varies depending on country or region.

1-Chip DLP™ Projectors Evolve with 15,000 lm[1] on AC 100–240 V, Unlocking Ideas for Novel Experiences

• *Spectacular Visuals on a Grand Scale*

Quad Pixel Drive[2] creates smooth 4K images, displays 2K/240 Hz[3] content without blur, and works with our ET-SWR10 Real-time Tracking Projection-Mapping System[4]. 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[5] and is Intel® SDM standard SLOT-compatible. The optimized optical engine enables projection at 15,000 lm[1] on AC 100–240 V power for efficient installation without needing electrical construction. Other highlights include the User Image Registration Function[6], NFC function[7] for setup prep without AC power, and preactivated upgrade kits for Geo Pro[8].

• *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[9] and a refined liquid cooling system. This technology enables up to 20,000 hours[10] of continuous maintenance-free projection. Backup Input[11] and Multi Laser Drive Engine further enhance reliability and add insurance against interruptions.

Preliminary Specification		
	PT-REQ15	PT-REZ15
Light Output	15,000 lm[1]	
Resolution	4K (3840 x 2400)[12]	WUXGA (1920 x 1200)

1 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. 2 PT-REQ15 only. 3 PT-REQ15 only. Supports input signals up to 1080p. The display frame rate corresponds to the input signal frame rate. 4 Optional ET-SWR10 is used in conjunction with third-party devices (sold separately). Compatibility with third-party devices cannot be guaranteed. Other conditions apply. 5 Powered periphery focus adjustment is not supported on the ET-C1S600/T700/T800 lenses. 6 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. 7 Projectors sold in some countries or regions require an ET-NIUK10 Upgrade Kit available from PASS to activate the NFC function. 8 Visit PASS to register your projector and download free Geometry Manager Pro software for Windows® (upgrade kits included). 9 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. 10 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/m³ 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. 11 Terminal assignment is fixed. Input signals to primary and backup inputs must be identical. 12 Maximum physical resolution with Quad Pixel Drive [ON]. 13 Only when the optional TY-SB01DL DIGITAL LINK Terminal Board is loaded. 14 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[1, 2]			15,000 lm	
Time until light output declines to 50 %[3]			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[1]			25,000:1 (Full On/Full Off, Dynamic Contrast [3])	
Screen size (diagonal)			70–700 inches (with supplied lens)	
Center-to-corner zone ratio[1]			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[4])	
	DisplayPort™		DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[4])	
	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, PJLink™ (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[5]	
Power supply			AC 100–240 V, 50/60 Hz	
Power consumption[6]	Maximum power consumption		(TBD)	(TBD)
	On-mode power consumption (Operating mode)	NORMAL	(TBD)	(TBD)
		ECO	(TBD)	(TBD)
		QUIET	(TBD)	(TBD)
Operation noise[1]			(TBD)	(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[7]			27.0 kg (59.5 lbs)	
Operating environment			Operating temperature: 0–45 °C (32–113 °F)[8], operating humidity: 10–80 % (no condensation)	
Applicable software			Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System[9], Geometry Manager Pro, Smart Projector Control for iOS/Android™	
Control function via LAN			Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)	

1 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. 2 When [OPERATING MODE] is set to [NORMAL]. 3 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/m³ of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment. 4 For the PT-REZ15, 4K signals are converted to WUXGA (1920 x 1200 pixels). 5 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 6 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). 7 Average value. May differ depending on the actual unit. 8 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). 9 PT-REQ15 only.

Optional Accessories

- **Mirror Fixed Lens**
  ET-C1U200[1] (0.380:1)
  1 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[1] (3.34–6.05:1)[2]
  1 Available from CY2025 Q2. 2 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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For more information about Panasonic projectors, please visit:

Projector Global Website – **https://panasonic.net/cns/projector/**
Facebook – **www.facebook.com/panasonicprojectoranddisplay**
YouTube – **www.youtube.com/user/PanasonicProjector**

All information included here is valid as of January 2024.

PT-REQ15_REZ15_PRE3 Printed in Japan.