Panasonic CONNECT

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)

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)
	On-mode power consumption (Operating mode) — ECO	(TBD)	(TBD)
	On-mode power consumption (Operating mode) — 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.