Panasonic CONNECT



Expand Production Possibilities and Revolutionize Workflow with Next-Generation 1-Chip DLP™ 4K Projectors

PT-REQ12

The next-generation PT-REQ12 1-Chip DLP™ 4K Laser Projector is designed to streamline productions and expand the endless possibilities of entertainment by delivering exceptional, highly engaging immersive experiences with up to 12,000lm brightness, 4K resolution, and 240 Hz projection capability.

Key Features

- Dramatic Visuals Take Your Production to New Heights
- Effortless Workflow, Improved Expandability
- New Cabinet Design for Reliable Operation

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https://ap.connect.panasonic.com/th/en/pt-req12

Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel size	0.8 in diagonal (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels)
Light source	Laser diode
Light output *1 *2 *3	12,000 lm
Light output (ANSI) *4	12,000 lm (ANSI)
Light output (Center) *5	12,400 lm (Center)
Time until light output declines to 50 % -> NORMAL *6	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO *6	24,000 hours [ECO]
Time until light output declines to 50 % -> QUIET *6	20,000 hours [QUIET]
Resolution	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.)	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	70–1000 inches (with ET-C1S600)
Center-to-corner zone ratio	90%
Lens *7	Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus
Lens shift -> Vertical(from center of screen)	±60 % (with ET-C1W400/W500/S600/T700/T800/T900), ±50 % (with ET-C1W300/U090/U100), +78–88 % (with ET-C1U200)
Lens shift -> Horizontal(from center of screen)	±29 % (with ET-C1W400/W500/S600/T700/T800/T900), ±23 % (with ET-C1W300/U090/U100), ±9 % (with ET-C1U200)
Keystone correction range	Vertical: ±40 ° (±5 ° with ET-C1U090/U100/U200; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500) Horizontal: ±40 ° (±3 ° with ET-C1U090/U100; ±5 ° with ET-C1W300; ±10 ° with ET-C1W400; ±15 ° with ET-C1W500, cannot be used with ET-C1U200) c
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI™ IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> DisplayPort™ IN	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> MULTI PROJECTOR SYNC IN	BNC x 1
Terminals -> MULTI PROJECTOR SYNC OUT	BNC x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals -> SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals -> REMOTE 1 OUT	M3 stereo mini-jack x 1 for link control (for wired remote control)
Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals -> LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals -> DC OUT	USB connector Type A x 1 (for power supply, DC 5 V, 2 A)
Terminals -> USB TYPE A	USB connector Type A x 1 for optional AJ-WM50 Series Wireless Module/USB memory
Terminals -> SLOT	Open slot for function boards, Intel® SDM standard-compatible
Protocol versions	IPv4, IPv6*8
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption *10 *11	1,030 W (10.4–4.3 A) (1,040 VA)(Power consumption is 990 W at AC 200–240 V)
On-mode power consumption(Operating mode) -> Normal *10	880 W (AC 100–120 V), 840 W (AC 200–240 V) [NORMAL]
On-mode power consumption(Operating mode) -> Eco *10	680 W (AC 100–120 V), 655 W (AC 200–240 V) [ECO]
On-mode power consumption(Operating mode) -> Quiet *10	670 W (AC 100–120 V), 645 W (AC 200–240 V) [QUIET]
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *3	38 dB [NORMAL]
Operation noise -> Eco *3	38 dB [ECO]
Operation noise -> Quiet *3	35 dB [QUIET]
Dimensions (W x H x D)	PT-REQ12: 498 x 212 x 648 mm (19 19/32″ x 8 11/32″ x 25 1/2″) (With feet at shortest position) PT-REQ12L: 498 x 212 x 538 mm (19 19/32″ x 8 11/32″ x 21 3/16″) (With feet at shortest position)
Dimensions -> Height (including protruding parts)	212 mm (8 11/32″)
Weight *12	PT-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens) PT-REQ12L: Approx. 27.0 kg (59.52 lbs) (without lens)
Operating environment -> Operating temperature *13	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)

Applicable software	Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System, Visual Software Suite, 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)
Body Colour	PT-REQ12LBEJ-BlackPT-REQ12LBE-BlackPT-REQ12BEJ-BlackPT-REQ12BE-BlackPT-REQ12LWEJ-WhitePT-REQ12LWE-WhitePT-REQ12WEJ-WhitePT-REQ12WE-White
Gross Dimensions (W x H x D in mm)	REQ12BEJ/REQ12WEJ/REQ12BX: Approx. 655 x 378 x 849 mm REQ12BE/REQ12WE: Approx. 639 x 368 x 833 mm
Gross Weight (Kg)	REQ12BEJ/REQ12WEJ: 35.6 kg (78.5 lbs) REQ12BE/REQ12WE: 34.7 kg (76.6 lbs)
NFC	Yes
EAN	REQ12BEJ: 5025232942633 REQ12WEJ: 5025232942640 REQ12BE: 8887549825286 REQ12WE: 8887549825309
Terminals -> SDI IN	–
Terminals -> DVI-D IN	–
Terminals -> DIGITAL LINK IN / LAN	–
Active 3D	No
SDM	Yes
Footnote Description	Note: The ET-C1T900 is available from CY2026 Q3, and the ET-C1U090 from CY2026 Q4. 1. This is the value when the Zoom Lens (Model No.: ET-C1S600) is used. The value varies depending on the lens. 2. When [OPERATING MODE] is set to [NORMAL]. 3. 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. 4. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 5. Average light-output value of all shipped products measured at the center of screen in NORMAL Mode. 6. 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. 7. Values may vary depending on the lens used. For more details, please refer to the Specifications file available from the Resources page. 8. 4K signals are converted to WUXGA (1920 x 1200 pixels). 9. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 10. 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). 11. This value has included a maximum power consumption of 80 W when using a function board. 12. Average value. May differ depending on the actual unit. 13. 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).