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/sg/en/pt-req12

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| **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.)** *3 | 25,000:1 (Full On/Full Off, Dynamic Contrast [3]) |
| **Screen size (diagonal)** | 70–1000 inches (with ET-C1S600) |
| **Center-to-corner zone ratio** *3 | 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)<br>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)<br>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)<br>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) |

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| **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<br>REQ12BE/REQ12WE: Approx. 639 x 368 x 833 mm |
| **Gross Weight (Kg)** | REQ12BEJ/REQ12WEJ: 35.6 kg (78.5 lbs)<br>REQ12BE/REQ12WE: 34.7 kg (76.6 lbs) |
| **NFC** | Yes |
| **EAN** | REQ12BEJ: 5025232942633<br>REQ12WEJ: 5025232942640<br>REQ12BE: 8887549825286<br>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.<br>1. This is the value when the Zoom Lens (Model No.: ET-C1S600) is used. The value varies depending on the lens.<br>2. When [OPERATING MODE] is set to [NORMAL].<br>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.<br>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.<br>5. Average light-output value of all shipped products measured at the center of screen in NORMAL Mode.<br>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.<br>7. Values may vary depending on the lens used. For more details, please refer to the Specifications file available from the Resources page.<br>8. 4K signals are converted to WUXGA (1920 x 1200 pixels).<br>9. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.<br>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).<br>11. This value has included a maximum power consumption of 80 W when using a function board.<br>12. Average value. May differ depending on the actual unit.<br>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). |