Panasonic CONNECT



**Laser 1-chip DLP, 10000 lumens, 4K smooth pixel drive, Solid Shine Laser, up to 20000 hours maintenance-free**

# PT-RCQ10/RCQ10L

Compact projector designed for long-lasting stable brightness in events and staging

**Key Features**

- Laser 1-Chip DLP, 10,000 lumens (ANSI), WUXGA, 4K Ready* laser projector
- Rich Colour Harmonizer technology for improved and more accurate colour reproduction
- Accepts 4K signal input
- Projects a 2175x1697 high-resolution image by using pixel shift technology
- Maintenance-free up to 20,000 hours maintenance-free operation with dust-resistant optical block and long lasting laser engine

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# PT-RCQ10/RCQ10L

https://ap.connect.panasonic.com/th/en/products/projectors-and-displays/pt-rcq10rcq10l

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| **Projector type** | 1-Chip DLP™ projector |
| **Display method** | DLP™ chip x 1, DLP™ projection system |
| **Display Device -> Panel size** | 17.0 mm (0.67 in) diagonal, 16:10 aspect ratio |
| **Display Device -> Number of pixels** | 2,304,000 (1920 x 1200) pixels |
| **Light source** | Laser diodes |
| **Light output** *1 | 10,000 lm |
| **Light output (ANSI)** | 10,000 lm |
| **Light output (Center)** *1 *2 | 10,500 lm (Center) |
| **Time until light output declines to 50 % -> NORMAL** *3 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *3 | 24,000 hours [ECO] |
| **Resolution** | 4,608,000 pixels / 2715 x 1697 dots (Smooth Pixel Drive: ON) |
| **Contrast Ratio (typ.)** *1 | 10,000:1 (Full On/Full Off) (Dynamic Contrast set to [3]) |
| **Screen size (diagonal)** | 1.27–15.24 m (50–600 in), 1.27–5.08 m (50–200 in) with ET-DLE055, 2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020, 16:10 aspect ratio |
| **Center-to-corner zone ratio** *1 | 0.9 |
| **Lens** | PT-RCQ10: Powered zoom (throw ratio 1.71–2.41:1), powered focus F 1.7–1.9, f 25.6–35.7 mm<br>PT-RCQ10L: Optional powered zoom/focus lenses |
| **Lens shift -> Vertical(from center of screen)** *4 | +50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered) |
| **Lens shift -> Horizontal(from center of screen)** *4 | +30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered) |
| **Keystone correction range** | Vertical: ±40 ° (±5 ° with ET-DLE020, ±16 ° with ET-DLE060, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055, +5 ° with ET-DLE035),<br>Horizontal: ±15 ° (±10 ° with ET-DLE060) (cannot be operated with ET-DLE035/ET-DLE020) |
| **Keystone correction range with optionalET-UK20 Upgrade Kit** | Vertical: ±45 ° (±16 ° with ET-DLE060, ±40 ° with ET-DLE150/ET-DLE250/ET-DLE170, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055),<br>Horizontal: ±40 ° (±10 ° with ET-DLE060, ±15 ° with ET-DLE105/ET-DLE085/ET-DLE055),<br>When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °. |
| **Installation** | Ceiling/floor, front/rear, free 360-degree installation |
| **Terminals -> SDI IN** | BNC x 1 : 3G/HD-SDI input |
| **Terminals -> HDMI™ IN** | HDMI™ 19-pin x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input*5) |
| **Terminals -> DVI-D IN** | DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only) |
| **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 |
| **Terminals -> REMOTE 1 IN** | M3 x 1 for wired remote control |
| **Terminals -> REMOTE 1 OUT** | M3 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 -> DIGITAL LINK IN / LAN** | RJ-45 x 1 for network, DIGITAL LINK connection (HDBaseT™ compliant), 100Base-TX, compatible with Art-Net, PJLink™ (Class 2), Deep Color, HDCP 2.2, 4K/60p signal input*5 |
| **Terminals -> LAN** | RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink ™ (Class 2), Art-Net |
| **Terminals -> USB TYPE A** | USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA) |
| **Terminals -> SLOT** | Open slot for SLOT NX compatible interface board |
| **Power supply** | AC 100–240 V, 50/60 Hz |
| **Maximum power consumption** | 1,100 W (1,110 VA) |
| **On-mode power consumption(Operating mode) -> Normal** | [NORMAL] 990 W |

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| **On-mode power consumption(Operating mode) -> Eco** | [ECO] 780 W |
| **Standby power consumption -> Normal** | 8 W （Standby Mode）[NORMAL] |
| **Standby power consumption -> ECO** | 0.5 W （Standby Mode）[ECO] |
| **Cabinet materials** | Molded plastic |
| **Filter** | No |
| **Operation noise -> Normal** *1 | 43 dB [NORMAL] |
| **Operation noise -> Quiet** *1 | 40 dB [QUIET1]38 dB (QUIET2) |
| **Dimensions (W x H x D)** | PT-RCQ10: 498 x 200*6 x 581 mm (19 19/32″ x 7 7/8″ *6 x 22 7/8″ ) (with supplied lens)PT-RCQ10L: 498 x 200*6 x 538 mm (19 19/32″ x 7 7/8″ *6 x 21 3/16″ ) (without lens) |
| **Dimensions -> Width (including protruding parts)** | PT-RCQ10:498 mm (19 19/32″)PT-RCQ10L:498 mm (19 19/32″) |
| **Dimensions -> Height (including protruding parts)** | PT-RCQ10:200 mm (7 7/8″)PT-RCQ10L:200 mm (7 7/8″) |
| **Dimensions -> Depth (not including protruding parts)** | PT-RCQ10L:538 mm (21 3/16″) |
| **Dimensions -> Depth (including lens)** | PT-RCQ10:581 mm (22 7/8″) |
| **Weight** *7 | PT-RCQ10: Approx. 24.2 kg (53.4 lbs) (with supplied lens)PT-RCQ10L: Approx. 23.4 kg (51.6 lbs) (without lens) |
| **Operating environment -> Operating temperature** *8 *9 | 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, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit, ET-CUK10 Auto Screen Adjustment Kit), Smart Projector Control for iOS/Android™ |
| **Body Colour** | Black/White |
| **NFC** | https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional |
| **Footnote Description** | 1. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped.<br>2. Average light-output value of all shipped products measured at center of screen in NORMAL Mode.<br>3. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, [Dynamic Contrast] set to [3], under conditions with 35 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3 of particulate matter. Estimated time until light output declines to 50 % varies depending on environment.<br>4. Lens shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE035.<br>5. 4K input signals are resized to 2715 x 1697 pixels upon projection. (With Smooth Pixel Drive: ON)<br>6. With legs at shortest position.<br>7. Average value. May differ depending on the actual unit.<br>8. When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 30 °C (86 °F) or higher, the light output may be reduced to protect the projector. When using the projector at an altitude between 2,700 m (8,858 ft) and 4,200 m (13,780 ft), and the operating environment temperature becomes 25 °C (77 °F) or higher, the light output may be reduced to protect the projector.<br>9. When optional AJ-WM50 wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F). |