Panasonic CONNECT



**Immersive for all : Compact and Light 1DLP 4K Projectors**

# PT-RQ7L

Immersive for all : Compact and Light 1DLP 4K Projectors

**Key Features**

- Making Immersive 4K Visuals Accessible
- Compact Design for an Effortless Workflow
- Stable, Reliable, and Efficient Projection

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# PT-RQ7L

https://latam.connect.panasonic.com/pa/es/productos/pt-rq7l

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| **Projector type** | 1-Chip DLP™ projector |
| **Display method** | DLP™ chip x 1, DLP™ projection system |
| **Display Device -> Panel size** | 16.5 mm (0.65 in) diagonal (16:9 aspect ratio) |
| **Display Device -> Number of pixels** | 2,073,600 (1920 x 1080 pixels) |
| **Light source** | Laser diode |
| **Light output** *1 *2 | 7,500 lm |
| **Light output (ANSI)** *3 | 7,500 lm |
| **Light output (Center)** *2 *4 | PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 lm |
| **Time until light output declines to 50 % -> NORMAL** *4 | 20,000 hours [NORMAL] |
| **Time until light output declines to 50 % -> ECO** *4 | 24,000 hours [ECO] |
| **Time until light output declines to 50 % -> QUIET** *4 | 20,000 hours [QUIET] |
| **Resolution** | 4K (3840 x 2160 pixels) (Quad Pixel Drive: ON) |
| **Contrast Ratio (typ.)** *2 | 15,000:1 (Full On/Full Off, Dynamic Contrast [3]) (TBD) |
| **Screen size (diagonal)** | 1.27–5.08 m (50–200 in) with ET-DLE055,1.27–15.24 m (50–600 in) with ET-DLE060/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350,2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020 |
| **Center-to-corner zone ratio** *2 | 90% |
| **Lens** | Optional (no lens included with this model) |
| **Lens shift -> Vertical(from center of screen)** | +55 %, -18 % (with ET-DLE020/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450),+44 %, -18 % (with ET-DLE060) (TBD) |
| **Lens shift -> Horizontal(from center of screen)** | +30 %, -10 % (with ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450);+28 %, -10 % (with ET-DLE085/ET-DLE105); +19 %, -10 % (with ET-DLE060);+10 %, -20 % (with ET-DLE020) (TBD) |
| **Keystone correction range** | (TBD) |
| **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*5) |
| **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 -> DIGITAL LINK IN / LAN** | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant),100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input) |
| **Terminals -> LAN** | RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible |
| **Terminals -> DC OUT** | USB 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 (dual-use with DC OUT terminal) |
| **Terminals -> SLOT** | Open slot for function boards, Intel® SDM standard SLOT-compatible |
| **Protocol versions** | IPv4, IPv6*7 |
| **Power supply** | AC 100–240 V, 50/60 Hz |
| **Maximum power consumption** *11 | 720 W (7.3–3.3 A) (730 VA) (TBD) |
| **On-mode power consumption(Operating mode) -> Normal** *11 | [NORMAL] 570 W (TBD) |
| **On-mode power consumption(Operating mode) -> Eco** *11 | [ECO] 440 W (TBD) |
| **On-mode power consumption(Operating mode) -> Quiet** *11 | [QUIET] 435 W (TBD) |
| **Cabinet materials** | Molded plastic |
| **Filter** *12 | No |
| **Operation noise -> Normal** *2 | 36 dB [NORMAL] (TBD) |
| **Operation noise -> Eco** *2 | 36 dB [ECO] (TBD) |
| **Operation noise -> Quiet** *2 | 33 dB [QUIET] (TBD) |
| **Dimensions (W x H x D)** | Approx. 498 x 170 x 440 mm (19 19/32″ x 6 11/16″ x 17 5/16″)(With legs at shortest position, excluding protruding parts) |
| **Dimensions (W x H x D) -> Width (not including protruding parts)** | 498 mm (19 19/32″) |
| **Dimensions -> Height (including protruding parts)** | 170 mm (6 11/16″) |
| **Dimensions -> Depth (not including protruding parts)** | 440 mm (17 5/16″ ) |
| **Weight** *13 | 18.0 kg (39.7 lbs) or less (TBD) |
| **Operating environment -> Operating temperature** *14 | 0–45 °C (32–113 °F) |
| **Operating Environment -> Operating humidity (No condensation)** | 10–80 % (no condensation) |
| **Applicable software** | Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System*11, Geometry Manager Pro, Smart Projector Control for iOS/Android™ |

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| **Control function via LAN** | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2) |
| **Body Colour** | Black |
| **Gross Dimensions (W x H x D in mm)** | RQ7LBEJ/RQ7LBU7: 632 x 610 x 326 mm<br>RQ7LBE: 620 x 598 x 306 mm |
| **Gross Weight (Kg)** | RQ7LBEJ: 23.0 kg (50.7 lbs)<br>RQ7LBE: 21.4 kg (47.1 lbs) |
| **NFC** | No |
| **EAN** | RQ7LBEJ: 5025232961078<br>RQ7LBE: 8887549861239 |
| **Terminals -> SDI IN** | – |
| **Terminals -> DVI-D IN** | – |
| **Terminals -> DisplayPort™ IN** | – |
| **Active 3D** | No |
| **SDM** | Yes |
| **Footnote Description** | 1. When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].<br>2. 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>3. 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>4. Average light-output value of all shipped products measured at the center of the screen.<br>5. 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), with0.15 mg/m3 of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment.<br>6. Cannot be used when ET-DLE035 is installed.<br>7. Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.<br>8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.<br>9. 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>10. Average value. May differ depending on the actual unit.<br>11. When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). Note that the projector cannot be used at altitudes 4,200 m(13,780 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 1,400 m (4,593 ft) and ambient temperature is 35 °C (95 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher; and when the projector is used at altitudes between 2,700 m (8,858 ft) and 4,200 m (13,780 ft) exclusive and ambient temperature is 25 °C (77 °F) or higher.<br>12. PT-RQ7L/RQ6L only.<br>13. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L. |