



**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



PT-RQ7L

<https://ap.pnd.panasonic.com/sg/en/pt-rq7l>

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| <b>Projector type</b>  | 1-Chip DLP™ projector  |
| <b>Display method</b>  | DLP™ chip x 1, DLP™ projection system  |
| <b>Display Device -&gt; Panel size</b>                                     | 16.5 mm (0.65 in) diagonal (16:9 aspect ratio)   |
| <b>Display Device -&gt; Number of pixels</b>                               | 2,073,600 (1920 x 1080 pixels)   |
| <b>Light source</b>  | Laser diode  |
| <b>Light output *1 *2 *3</b>   | 7,500 lm   |
| <b>Light output (ANSI) *4</b>  | 7,500 lm   |
| <b>Light output (Center) *5</b>  | PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 lm   |
| <b>Time until light output declines to 50 % -&gt; NORMAL *6</b>            | 20,000 hours [NORMAL]  |
| <b>Time until light output declines to 50 % -&gt; ECO *6</b>               | 24,000 hours [ECO]   |
| <b>Time until light output declines to 50 % -&gt; QUIET *6</b>             | 20,000 hours [QUIET]   |
| <b>Resolution</b>  | 4K (3840 x 2160 pixels) (Quad Pixel Drive: ON)   |
| <b>Contrast Ratio (typ.) *3</b>  | 15,000:1 (Full On/Full Off, Dynamic Contrast [3]) (TBD)  |
| <b>Screen size (diagonal)</b>  | 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 |
| <b>Center-to-corner zone ratio *3</b>                                      | 90%  |
| <b>Lens</b>  | Optional (no lens included with this model)  |
| <b>Lens shift -&gt; Vertical(from center of screen)</b>                    | +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)   |
| <b>Lens shift -&gt; Horizontal(from center of screen)</b>                  | +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)   |
| <b>Keystone correction range</b>   | (TBD)  |
| <b>Installation</b>  | Ceiling/floor, front/rear, free 360-degree installation  |
| <b>Terminals -&gt; HDMI™ IN</b>  | HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5)  |
| <b>Terminals -&gt; SERIAL IN</b>   | D-sub 9-pin (female) x 1 for external control (RS-232C compliant)  |
| <b>Terminals -&gt; SERIAL OUT</b>  | D-sub 9-pin (male) x 1 for link control (RS-232C compliant)  |
| <b>Terminals -&gt; REMOTE 1 IN</b>   | M3 stereo mini-jack x 1 for wired remote control   |
| <b>Terminals -&gt; REMOTE 1 OUT</b>  | M3 stereo mini-jack x 1 for link control (for wired remote control)  |
| <b>Terminals -&gt; DIGITAL LINK IN / LAN</b>                               | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input)                   |
| <b>Terminals -&gt; LAN</b>   | RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible   |
| <b>Terminals -&gt; DC OUT</b>  | USB Type A x 1 (for power supply, DC 5 V, 2 A)   |
| <b>Terminals -&gt; USB TYPE A</b>  | USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory (dual-use with DC OUT terminal)  |
| <b>Terminals -&gt; SLOT</b>  | Open slot for function boards, Intel® SDM standard SLOT-compatible   |
| <b>Protocol versions</b>   | IPv4, IPv6*7   |
| <b>Power supply</b>  | AC 100–240 V, 50/60 Hz   |
| <b>Maximum power consumption *7</b>  | 720 W (7.3–3.3 A) (730 VA) (TBD)   |
| <b>On-mode power consumption(Operating mode) -&gt; Normal *8</b>           | [NORMAL] 570 W (TBD)   |
| <b>On-mode power consumption(Operating mode) -&gt; Eco *8</b>              | [ECO] 440 W (TBD)  |
| <b>On-mode power consumption(Operating mode) -&gt; Quiet *8</b>            | [QUIET] 435 W (TBD)  |
| <b>Cabinet materials</b>   | Molded plastic   |
| <b>Filter</b>  | No   |
| <b>Operation noise -&gt; Normal *3</b>                                     | 36 dB [NORMAL] (TBD)   |
| <b>Operation noise -&gt; Eco *3</b>  | 36 dB [ECO] (TBD)  |
| <b>Operation noise -&gt; Quiet *3</b>                                      | 33 dB [QUIET] (TBD)  |
| <b>Body Colour</b>   | Black  |
| <b>Dimensions (W x H x D)</b>  | 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)  |
| <b>Dimensions (W x H x D) -&gt; Width (not including protruding parts)</b> | 498 mm (19 19/32")   |
| <b>Dimensions -&gt; Height (including protruding parts)</b>                | 170 mm (6 11/16")  |
| <b>Dimensions -&gt; Depth (not including protruding parts)</b>             | 440 mm (17 5/16")  |
| <b>Gross Dimensions (W x H x D in mm)</b>                                  | RQ7LBE/RQ7LBU7: 632 x 610 x 326 mm<br>RQ7LBE: 620 x 598 x 306 mm   |
| <b>Weight</b>  | 18.0 kg (39.7 lbs) or less (TBD)   |
| <b>Gross Weight (Kg)</b>   | RQ7LBE: 23.0 kg (50.7 lbs)<br>RQ7LBE: 21.4 kg (47.1 lbs)<br>RQ7LBU7: 22.1 kg (48.8 lbs)  |
| <b>Operating environment -&gt; Operating temperature *11</b>               | 0–45 °C (32–113 °F)  |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b>    | 10–80 % (no condensation)  |

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| <b>Applicable software</b>      | Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System*11, Geometry Manager Pro, Smart Projector Control for iOS/Android™  |
| <b>NFC</b>                      | <a href="https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional">https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional</a>   |
| <b>Control function via LAN</b> | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)  |
| <b>EAN</b>                      | RQ7LBEJ: 5025232961078<br>RQ7LBE: 8887549861239   |
| <b>Footnote Description</b>     | <ol style="list-style-type: none"> <li>1. When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].</li> <li>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.</li> <li>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.</li> <li>4. Average light-output value of all shipped products measured at the center of the screen.</li> <li>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), with 0.15 mg/m<sup>3</sup> of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment.</li> <li>6. Cannot be used when ET-DLE035 is installed.</li> <li>7. Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.</li> <li>8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.</li> <li>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).</li> <li>10. Average value. May differ depending on the actual unit.</li> <li>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.</li> <li>12. PT-RQ7L/RQ6L only.</li> <li>13. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L.</li> </ol> |