



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

PT-RQ7L

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Key Features

Making Immersive 4K Visuals Accessible

Compact Design for an Effortless Workflow

Stable, Reliable, and Efficient Projection



PT-RQ7L

<https://ap.connect.panasonic.com/my/en/products/projectors/pt-rq7l>

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| Projector type | 1-Chip DLP™ projector |
| Display method | DLPTM 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 *3 | 7,500 lm |
| Light output (ANSI) *4 | 7,500 lm |
| Light output (Center) *5 | PT-RQ7L/RZ7L: 7,700 lm PT-RQ6L/RZ6L: 6,700 lm |
| 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 2160 pixels) (Quad Pixel Drive: ON) |
| Contrast Ratio (typ.) *3 | 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 *3 | 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 *7 | 720 W (7.3–3.3 A) (730 VA) (TBD) |
| On-mode power consumption (Operating mode) -> Normal *8 | [NORMAL] 570 W (TBD) |
| On-mode power consumption (Operating mode) -> Eco *8 | [ECO] 440 W (TBD) |
| On-mode power consumption (Operating mode) -> Quiet *8 | [QUIET] 435 W (TBD) |
| Cabinet materials | Molded plastic |
| Filter | No |
| Operation noise -> Normal *3 | 36 dB [NORMAL] (TBD) |
| Operation noise -> Eco *3 | 36 dB [ECO] (TBD) |
| Operation noise -> Quiet *3 | 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 | 18.0 kg (39.7 lbs) or less (TBD) |
| Operating environment -> Operating temperature *11 | 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™ |
| Control function via LAN | Creston Connected™ V2, Crestron XIO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2) |

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| Footnote Description | <p>1. When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].</p> <p>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.</p> <p>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.</p> <p>4. Average light-output value of all shipped products measured at the center of the screen.</p> <p>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/m³ of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment.</p> <p>6. Cannot be used when ET-DLE035 is installed.</p> <p>7. Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.</p> <p>8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.</p> <p>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).</p> <p>10. Average value. May differ depending on the actual unit.</p> <p>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.</p> <p>12. PT-RQ7L/RQ6L only.</p> <p>13. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L.</p> |
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| Body Colour | Black |
| Gross Dimensions (W x H x D in mm) | RQ7LBE/RQ7LBU7: 632 x 610 x 326 mm RQ7LBE: 620 x 598 x 306 mm |
| Gross Weight (Kg) | RQ7LBE: 23.0 kg (50.7 lbs) RQ7LBE: 21.4 kg (47.1 lbs) RQ7LBU7: 22.1 kg (48.8 lbs) |
| NFC | https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional |
| EAN | RQ7LBE: 5025232961078 RQ7LBE: 8887549861239 |