



Your Choice Expands with the RQ7 Series, Making 4K Accessible in Immersive Spaces

## 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://eu.connect.panasonic.com/gb/en/pt-rq7l>

<b>Projector type</b>	1-Chip DLP™ projector
<b>DLP™ Chip</b>	
<b>Panel Size</b>	16.5 mm (0.65 in) diagonal (16:9 aspect ratio)
<b>Display Method</b>	DLP™ chip x 1, DLP™ projection system
<b>Number of Pixels</b>	2,073,600 (1920 x 1080 pixels)
<b>Light Source</b>	Laser diodes
<b>Light Output*1 *2</b>	7,500 lm
<b>Time until light output declines to 50 %*3</b>	20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)
<b>Resolution</b>	4K (3840 x 2160 pixels) (Quad Pixel Drive: ON)
<b>Contrast Ratio*2</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*2</b>	90%
<b>Lens</b>	Optional (no lens included with this model)
<b>Lens shift   Horizontal (From the origin point of the lens mounter) *4</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   HDMI™ IN</b>	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input5)
<b>Terminals   Serial In</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals   Serial Out</b>	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
<b>Terminals   Remote In</b>	M3 stereo mini-jack x 1 for wired remote control
<b>Terminals   Remote Out</b>	M3 stereo mini-jack x 1 for link control (for wired remote control)
<b>Terminals   DIGITAL LINK/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/60p5, 6 signal input)
<b>Terminals   LAN</b>	RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
<b>Terminals   USB</b>	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory (dual-use with DC OUT terminal)
<b>Terminals   DC Out</b>	USB Type A x 1 (for power supply, DC 5 V, 2 A)
<b>Terminals   Expansion Slot</b>	Open slot for function boards, Intel® SDM compatible
<b>Protocol versions</b>	IPv4, IPv6*7
<b>Power Supply</b>	AC 100–240 V, 50/60 Hz
<b>Maximum power consumption*8</b>	720 W (7.3–3.3A) (730 VA) (TBD)
<b>On-mode power consumption (Operating mode) *8</b>	
<b>NORMAL</b>	570 W (TBD)
<b>ECO</b>	440 W (TBD)
<b>QUIET</b>	435 W (TBD)
<b>Operation Noise*2</b>	36 dB (NORMAL/ECO), 33 dB (QUIET) (TBD)
<b>Cabinet Materials</b>	Molded plastic
<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 lens and protruding parts) (TBD)
<b>Weight *9</b>	18.0 kg (39.7 lbs) or less (TBD)
<b>Operating Environment</b>	Operating temperature: 0–45 °C (32–113 °F)10, operating humidity: 10–80 % (no condensation)
<b>Applicable Software</b>	Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System11, Geometry Manager Pro, Smart Projector Control for iOS/Android™
<b>Control function via LAN</b>	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PLink™ (Class 2)

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**Note**

1 When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL] 2 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118:2020 international standards. Value is average of all products when shipped. 3 Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment. 4 Cannot be used when ET-DLE035 is installed. 5 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L. 6 Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 7 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 8 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). 9 Average value. May differ depending on the actual unit. 10 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 2,700 m (8,858 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 700 m (2,297 ft) and ambient temperature is 38 °C (100 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100 m (6,890 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher. 11 PT-RQ7L/RQ6L only.