

# 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



<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 %</b>	20,000 hours [NORMAL]
<b>-&gt; NORMAL *6</b>	
<b>Time until light output declines to 50 %</b>	24,000 hours [ECO]
<b>-&gt; ECO *6</b>	
<b>Time until light output declines to 50 %</b>	20,000 hours [QUIET]
<b>-&gt; QUIET *6</b>	
<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>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>Weight</b>	18.0 kg (39.7 lbs) or less (TBD)
<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)
<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>Control function via LAN</b>	Crestron Connected™ v2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PLink™ (Class 2)
<b>Body Colour</b>	Black

<b>Gross Dimensions (W x H x D in mm)</b>	RQ7LBEJ/RQ7LBU7: 632 x 610 x 326 mm RQ7LBE: 620 x 598 x 306 mm
<b>Gross Weight (Kg)</b>	RQ7LBEJ: 23.0 kg (50.7 lbs) RQ7LBE: 21.4 kg (47.1 lbs)
<b>NFC</b>	No
<b>EAN</b>	RQ7LBEJ: 5025232961078 RQ7LBE: 8887549861239
<b>Terminals -&gt; SDI IN</b>	—
<b>Terminals -&gt; DVI-D IN</b>	—
<b>Terminals -&gt; DisplayPort™ IN</b>	—
<b>Active 3D</b>	No
<b>SDM</b>	Yes
<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>