Panasonic CONNECT



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

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https://ap.connect.panasonic.com/sg/en/products/projectors-and-displays/pt-rq7l

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 *3	7,500 lm
Light output (ANSI) *1 *2 *4	7,500 lm
Light output (Center) *1 *2 *5	PT-RQ7L/RZ7L : 7,700 lmPT-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 *4	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 *9	720 W (7.3–3.3 A) (730 VA) (TBD)
On-mode power consumption(Operating mode) -> Normal *9 *9 *10	[NORMAL] 570 W (TBD)
On-mode power consumption(Operating mode) -> Eco *9 *9 *10	[ECO] 440 W (TBD)
On-mode power consumption(Operating mode) -> Quiet *11	[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 *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 *11	18.0 kg (39.7 lbs) or less (TBD)
Operating environment -> Operating temperature *12	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	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 RQ7LBE: 620 x 598 x 306 mm
Gross Weight (Kg)	RQ7LBEJ: 23.0 kg (50.7 lbs) RQ7LBE: 21.4 kg (47.1 lbs)
NFC	No
EAN	RQ7LBEJ: 5025232961078 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]. 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. 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. 4. Average light-output value of all shipped products measured at the center of the screen. 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. 6. Cannot be used when ET-DLE035 is installed. 7. Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK. 8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 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). 10. Average value. May differ depending on the actual unit. 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. 12. PT-RQ7L/RQ6L only. 13. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L.