Panasonic CONNECT



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

PT-RQ6L

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-RQ6L

https://ap.connect.panasonic.com/th/ /en/products/projectors/pt-rq6l

Projector type	1-Chip DLP TM projector
Display method	DLP TM chip x 1, DLP TM projection system
Display Metriou Display Device -> Panel size	16.5 mm (0.65 in) diagonal (16:9 aspect ratio)
Display Device -> Number of	2,073,600 (1920 x 1080 pixels)
pixels	2,073,000 (1320 x 1000 pixels)
Light source	Laser diode
Light output *1 *2 *3	6,500 lm
Light output (ANSI) *4	6,500 lm
Light output (Center) *5	PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 lm
Time until light output declines to	
50 % -> NORMAL *6	7 20,000 Hours [NONWAL]
Time until light output declines to	24 000 hours [FCO]
50 % -> ECO *6	, 24,000 floats [200]
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-
screen size (diagonal)	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)
	r+55 %, -18 % (with ET-DLE020/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-
of screen)	DLE350/ET-DLE450),+44 %, -18 % (with ET-DLE060) (TBD)
Lens shift -> Horizontal(from	+30 %, -10 % (with ET-DLE150/ET-DLE250/ET-DLE350/ET-DLE450);+28 %, -10 % (with
center of screen)	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 TM 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 /	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT TM
LAN	compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input)
Terminals -> LAN	RJ-45 \times 1 for network connection, PJLink TM (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 *	⁹ 650 W (6.6–2.9 A) (660 VA) (TBD)
On-mode power consumption(Operating mode) -	[NORMAL] 500 W (TBD)
Normal *9	
On-mode power consumption(Operating mode) - Eco *9	[ECO] 370 W (TBD) >
On-mode power	[QUIET] 365 W (TBD)
consumption(Operating mode) - Quiet *9	
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *3	35 dB [NORMAL] (TBD)
Operation noise -> Eco *3	35 dB [ECO] (TBD)
Operation noise -> Quiet *3	32 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)	
Dimensions -> Height (including protruding parts)	170 mm (6 11/16")
Dimensions -> Depth (not including protruding parts)	538 mm (17 5/16")
	18.0 kg (39.7 lbs) or less (TBD)
Weight ¹⁰	0-45 °C (32-113 °F)
	0-45 C(32-115 F)
Operating environment ->	0-45 C (32-113 F)
Weight *10 Operating environment -> Operating temperature *11 Operating Environment -> Operating humidity (No	10–80 % (no condensation)
Operating environment -> Operating temperature *11 Operating Environment -> Operating humidity (No	
Operating environment -> Operating temperature *11 Operating Environment ->	10–80 % (no condensation) Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System*11, Geometry Manager Pro, Smart Projector Control for
Operating environment -> Operating temperature *11 Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation) Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking

Footnote Description

- When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].
- 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.
- 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
- 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 Al-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.

Body Colour	Black
Gross Dimensions (W x H x D in	RQ6LBEJ/RQ6LBU7: 632 x 610 x 326 mm
mm)	RQ6LBE: 620 x 598 x 306 mm
Gross Weight (Kg)	RQ6LBEJ: 23.0 kg (50.7 lbs)
	RQ6LBE: 21.4 kg (47.1 lbs)
	RQ6LBU7: 22.1 kg (48.8 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	RQ6LBEJ: 5025232961085
	RQ6LBE: 8887549861260