



PT-RQ7L

1-Chip DLP™ 4K

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Key Features

4K



Projector type	1- DLP™
Display method	DLP™ x 1, DLP™ ◆ ◆
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	7,500 lm
Light output (ANSI) *1 *3	7,500 lm
Light output (Center) *1 *4	PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 LM
Time until light output declines to 50 % -> NORMAL *5	20,000 [NORMAL]
Time until light output declines to 50 % -> ECO *5	24,000 [ECO]
Time until light output declines to 50 % -> QUIET *5	20,000 hours [QUIET]
Resolution *6	4K (3840 x 2160 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.)	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	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	/ , / , 360
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) (HDBase™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input)
Terminals -> LAN	RJ-45 x 1 for network connection, PLink™ (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 *13	720 W (7.3-3.3 A) (730 VA) (TBD)
On-mode power consumption (Operating mode) -> Normal *13 *14	[NORMAL] 570 W (TBD)
On-mode power consumption (Operating mode) -> Eco *13 *14	[ECO] 440 W (TBD)
On-mode power consumption (Operating mode) -> Quiet *13 *14	[QUIET] 435 W (TBD)
Cabinet materials	Molded plastic
Filter *15	No
Operation noise -> Normal	36 dB [NORMAL] (TBD)
Operation noise -> Eco	36 dB [ECO] (TBD)
Operation noise -> Quiet	33 dB [QUIET] (TBD)
Body Colour	Black
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")
Gross Dimensions (W x H x D in mm)	RQ7LBE/RQ7LBU7: 632 x 610 x 326 mm RQ7LBE: 620 x 598 x 306 mm
Weight *16	18.0 kg (39.7 lbs) or less (TBD)
Gross Weight (Kg)	RQ7LBE: 23.0 kg (50.7 lbs) RQ7LBE: 21.4 kg (47.1 lbs)
Operating environment -> Operating temperature *17 *18	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™		
NFC	No		
Control function via LAN	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)		
EAN	RQ7LBEJ: 5025232961078 RQ7LBE: 8887549861239		
Terminals -> SDI IN	—		
Terminals -> DVI-D IN	—		
Terminals -> DisplayPort™ IN	—		
Active 3D	No		
SDM	Yes		
Footnote Description	<p>1. When ET-DLE170 is attached. [PICTURE MODE]가 [DYNAMIC] [LIGHT POWER]가 [NORMAL]</p> <p>2. , , ISO/IEC 21118: 2020 . ◆</p> <p>3. , , (American National Standards Institute) .</p> <p>4. ◆ .</p> <p>5. 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. 50%</p> <p>6. ET-DLE035가</p> <p>7. DIGITAL LINK 4K/60p 4K/50p ◆ YPBPR 4:2:0</p> <p>8. ◆ AJ-WM50 IPv6</p> <p>9. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) ◆ .</p> <p>10.</p> <p>11. ◆ AJ-WM50 , 0-40 °C(32-104 °F)◆ . 4,200 m(13,790 ft) : 1,400 m(4,593 ft) 35 °C(95 °F) , 1,400 m(4,593 ft) 2,700 m(8,858 ft) 30 °C(86 °F) , 2,700 m(8,858 ft) 4,200 m(13,780 ft) 25 °C(77 °F) ◆ .</p> <p>12. PT-RQ7L/RQ6L</p> <p>13. 4K PT-RZ7L/RZ6L WUXGA(1920 x 1200) ◆)</p>		