



**Laser 1-chip DLP, 10000 lumens, 4K smooth pixel drive, Solid Shine Laser, up to 20000 hours maintenance-free**

## PT-RCQ10/RCQ10L

Compact projector designed for long-lasting stable brightness in events and staging

### Key Features

Laser 1-Chip DLP, 10,000 lumens (ANSI), WUXGA, 4K Ready\* laser projector

Rich Colour Harmonizer technology for improved and more accurate colour reproduction

Accepts 4K signal input

Projects a 2175x1697 high-resolution image by using pixel shift technology

Maintenance-free up to 20,000 hours maintenance-free operation with dust-resistant optical block and long lasting laser engine





## PT-RCQ10/RCQ10L

<https://ap.connect.panasonic.com/th/en/products/projectors/pt-rcq10rcq10l>

<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>	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200) pixels
<b>Light source</b>	Laser diodes
<b>Light output</b> *1 *2 *3	10,000 lm
<b>Light output (ANSI)</b> *4	10,000 lm
<b>Light output (Center)</b> *5	10,500 lm (Center)
<b>Time until light output declines to 50 %</b> *6	20,000 hours [NORMAL]
<b>Time until light output declines to 50 %</b> *6	24,000 hours [ECO]
<b>Resolution</b>	4,608,000 pixels / 2715 x 1697 dots (Smooth Pixel Drive: ON)
<b>Contrast Ratio (typ.)</b> *3	10,000:1 (Full On/Full Off) (Dynamic Contrast set to [3])
<b>Screen size (diagonal)</b>	1.27–15.24 m (50–600 in), 1.27–5.08 m (50–200 in) with ET-DLE055, 2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020, 16:10 aspect ratio
<b>Center-to-corner zone ratio</b> *3	0.9
<b>Lens</b>	PT-RCQ10: Powered zoom (throw ratio 1.71–2.41:1), powered focus F 1.7–1.9, f 25.6–35.7 mm
	PT-RCQ10L: Optional powered zoom/focus lenses
<b>Lens shift -&gt; Vertical (from center of screen)</b>	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
<b>Lens shift -&gt; Horizontal (from center of screen)</b>	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)
<b>Keystone correction range</b>	Vertical: ±40 ° (±5 ° with ET-DLE020, ±16 ° with ET-DLE060, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055, +5 ° with ET-DLE035),
	Horizontal: ±15 ° (±10 ° with ET-DLE060) (cannot be operated with ET-DLE035/ET-DLE020)
<b>Keystone correction range with optional ET-UK20 Upgrade Kit</b>	Vertical: ±45 ° (±16 ° with ET-DLE060, ±40 ° with ET-DLE150/ET-DLE250/ET-DLE170, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055),
	Horizontal: ±40 ° (±10 ° with ET-DLE060, ±15 ° with ET-DLE105/ET-DLE085/ET-DLE055),
	When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.
<b>Installation</b>	Ceiling/floor, front/rear, free 360-degree installation
<b>Terminals -&gt; SDI IN</b>	BNC x 1 : 3G/HD-SDI input
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ 19-pin x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input*5)
<b>Terminals -&gt; DVI-D IN</b>	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
<b>Terminals -&gt; MULTI PROJECTOR SYNC IN</b>	BNC x 1
<b>Terminals -&gt; MULTI PROJECTOR SYNC OUT</b>	BNC x 1
<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
<b>Terminals -&gt; REMOTE 1 IN</b>	M3 x 1 for wired remote control
<b>Terminals -&gt; REMOTE 1 OUT</b>	M3 x 1 for link control (for wired remote control)
<b>Terminals -&gt; REMOTE 2 IN</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals -&gt; DIGITAL LINK IN / LAN</b>	RJ-45 x 1 for network, DIGITAL LINK connection (HDBase™ compliant), 100Base-TX, compatible with Art-Net, PJLink™ (Class 2), Deep Color, HDCP 2.2, 4K/60p signal input*5
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (Class 2), Art-Net
<b>Terminals -&gt; USB TYPE A</b>	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)
<b>Terminals -&gt; SLOT</b>	Open slot for SLOT NX compatible interface board
<b>Power supply</b>	AC 100–240 V, 50/60 Hz
<b>Maximum power consumption</b> *9 *10	1,100 W (1,110 VA)
<b>On-mode power consumption (Operating mode) -&gt; Normal</b> *9	[NORMAL] 990 W
<b>On-mode power consumption (Operating mode) -&gt; Eco</b> *9	[ECO] 780 W

<b>Standby power consumption -&gt; Normal</b>	8 W ( Standby Mode ) [ NORMAL ]
<b>Standby power consumption -&gt; ECO</b>	0.5 W ( Standby Mode ) [ ECO ]
<b>Cabinet materials</b>	Molded plastic
<b>Filter</b>	No
<b>Operation noise -&gt; Normal <sup>*3</sup></b>	43 dB [NORMAL]
<b>Operation noise -&gt; Quiet <sup>*3</sup></b>	40 dB [QUIET1] 38 dB [QUIET2]
<b>Dimensions (W x H x D)</b>	PT-RCQ10: 498 x 200*6 x 581 mm (19 19/32" x 7 7/8" *6 x 22 7/8" ) (with supplied lens) PT-RCQ10L: 498 x 200*6 x 538 mm (19 19/32" x 7 7/8" *6 x 21 3/16" ) (without lens)
<b>Dimensions -&gt; Width (including protruding parts)</b>	PT-RCQ10: 498 mm (19 19/32") PT-RCQ10L: 498 mm (19 19/32")
<b>Dimensions -&gt; Height (including protruding parts)</b>	PT-RCQ10: 200 mm (7 7/8") PT-RCQ10L: 200 mm (7 7/8")
<b>Dimensions -&gt; Depth (not including protruding parts)</b>	PT-RCQ10L: 538 mm (21 3/16")
<b>Dimensions -&gt; Depth (including lens)</b>	PT-RCQ10: 581 mm (22 7/8")
<b>Weight <sup>*11</sup></b>	PT-RCQ10: Approx. 24.2 kg (53.4 lbs) (with supplied lens) PT-RCQ10L: Approx. 23.4 kg (51.6 lbs) (without lens)
<b>Operating environment -&gt; Operating temperature <sup>*12</sup></b>	0-45 °C (32-113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	10-80 % (no condensation)
<b>Applicable software</b>	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit, ET-CUK10 Auto Screen Adjustment Kit), Smart Projector Control for iOS/Android™

1. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped.
2. Average light-output value of all shipped products measured at center of screen in NORMAL Mode.
3. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, [Dynamic Contrast] set to [3], under conditions with 35 °C (95 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m<sup>3</sup> of particulate matter. Estimated time until light output declines to 50 % varies depending on environment.
4. Lens shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE035.
5. 4K input signals are resized to 2715 x 1697 pixels upon projection. (With Smooth Pixel Drive: ON)
6. With legs at shortest position.
7. Average value. May differ depending on the actual unit.
8. When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 30 °C (86 °F) or higher, the light output may be reduced to protect the projector. When using the projector at an altitude between 2,700 m (8,858 ft) and 4,200 m (13,780 ft), and the operating environment temperature becomes 25 °C (77 °F) or higher, the light output may be reduced to protect the projector.
9. When optional AJ-WM50 wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F).

