Panasonic CONNECT



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

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PT-RCQ10/RCQ10L

https://ap.connect.panasonic.com/vn/en/products/projectors-and-displays/pt-rcq10rcq10l

Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel size	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio
Display Device -> Number of pixels	2,304,000 (1920 x 1200) pixels
Light source	Laser diodes
Light output *1	10,000 lm
Light output (ANSI)	10,000 lm
Light output (Center) *1 *2	10,500 lm (Center)
Time until light output declines to 50 % -> NORMAL *3	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO *3	24,000 hours [ECO]
Resolution	4,608,000 pixels / 2715 x 1697 dots (Smooth Pixel Drive: ON)
Contrast Ratio (typ.) *1	10,000:1 (Full On/Full Off) (Dynamic Contrast set to [3])
Screen size (diagonal)	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
Center-to-corner zone ratio *1	0.9
Lens	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
Lens shift -> Vertical(from center of screen) *4	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
Lens shift -> Horizontal(from center of screen) *4	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)
Keystone correction range	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)
Keystone correction range with optionalET-UK20 Upgrade Kit	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 °.
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> SDI IN	BNC x 1 : 3G/HD-SDI input
Terminals -> HDMI™ IN	HDMI™ 19-pin x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input*5)
Terminals -> DVI-D IN	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
Terminals -> MULTI PROJECTOR SYNC IN	BNC x 1
Terminals -> MULTI PROJECTOR SYNC OUT	BNC x 1
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
Terminals -> REMOTE 1 IN	M3 x 1 for wired remote control
Terminals -> REMOTE 1 OUT	M3 x 1 for link control (for wired remote control)
Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)
Terminals -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network, DIGITAL LINK connection (HDBaseT™ compliant), 100Base-TX, compatible with Art-Net, PJLink™ (Class 2), Deep Color, HDCP 2.2, 4K/60p signal input*5
Terminals -> LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink ™ (Class 2), Art-Net
Terminals -> USB TYPE A	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)
Terminals -> SLOT	Open slot for SLOT NX compatible interface board
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption	1,100 W (1,110 VA)
On-mode power consumption(Operating mode) -> Normal	[NORMAL] 990 W

On-mode power consumption(Operating mode) -> Eco	[ECO] 780 W
Standby power consumption -> Normal	8 W （Standby Mode）[NORMAL]
Standby power consumption -> ECO	0.5 W （Standby Mode）[ECO]
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *1	43 dB [NORMAL]
Operation noise -> Quiet *1	40 dB [QUIET1]38 dB (QUIET2)
Dimensions (W x H x D)	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)
Dimensions -> Width (including protruding parts)	PT-RCQ10:498 mm (19 19/32″)PT-RCQ10L:498 mm (19 19/32″)
Dimensions -> Height (including protruding parts)	PT-RCQ10:200 mm (7 7/8″)PT-RCQ10L:200 mm (7 7/8″)
Dimensions -> Depth (not including protruding parts)	PT-RCQ10L:538 mm (21 3/16″)
Dimensions -> Depth (including lens)	PT-RCQ10:581 mm (22 7/8″)
Weight *7	PT-RCQ10: Approx. 24.2 kg (53.4 lbs) (with supplied lens)PT-RCQ10L: Approx. 23.4 kg (51.6 lbs) (without lens)
Operating environment -> Operating temperature *8 *9	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	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™
Body Colour	Black/White
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
Footnote Description	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/m3 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).