Panasonic CONNECT

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

PT-RCQ10

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

Geo. Pro | 4K DIGITAL LINK | 360° | SOLID SHINE LASER | ACCEPTS 4K SIGNAL

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PT-RCQ10

https://oc.connect.panasonic.com/au/en/products/projectors/pt-rcq10

Projector type	1-Chip DLP™ projector
DLP™ Chip | Panel Size	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio
DLP™ Chip | Display Method	DLP™ chip x 1, DLP™ projection system
DLP™ chip | Number of Pixels	2,304,000 (1920 × 1200) pixels
Light Source	Laser diodes
Light output	10,000 lm*1 / 10,500 lm (Center)*2
Time until light output declines to 50 %*3	20,000 hours (NORMAL) / 24,000 hours (ECO)
Resolution	4,608,000 pixels / 2715 x 1697 dots * With Smooth Pixel Drive: ON.
Contrast Ratio*1	10,000:1 (Full On/Full Off) * With [Dynamic Contrast] set to [3]
Screen size [diagonal] (mm)	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, 16:10 aspect ratio
Screen size [diagonal] (inch)	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	90 %
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*4 | Vertical (from center of screen)	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
Lens shift*4 | Horizontal (from center of screen	+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 optional ET-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 | LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (Class 2), Art-Net
Terminals | DIGITAL LINK	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 | USB	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)
Terminals | Expansion Slot	Open slot for SLOT NX compatible interface board
Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption	1,100 W
Cabinet Materials	Molded plastic
Operation noise*1	43 dB (Normal)/40 dB (Quiet 1)/38 dB (Quiet 2)
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)
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: 0–45 °C (32–113 °F)*8 *9 , operating humidity: 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™

Note	*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 30 °C (86 °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).