

PT-RCQ10 Series

1-Chip DLP™ Projectors

AVAILABLE FROM NOVEMBER 2019

PT-RCQ10L: Available from November 2019
PT-RCQ75L: Available from December 2019

New 4K Smooth Pixel Drive and Seamless Integration Helps You Create Immersive, Color-rich 4K Environments



Black Models



White Models

* Lens sold separately.



PT-RCQ10 Series		
	PT-RCQ10L	PT-RCQ75L
Light Output	10,000 lm*1	7,500 lm*1
Resolution	4K-equivalent*	

* With 4K Smooth Pixel Drive ON.

• Richly Detailed 4K Images

4K Smooth Pixel Drive shifts pixels diagonally to achieve 4K-equivalent on-screen resolution, while New Rich Color Harmonizer heightens color-reproduction for vivid expression.

• Seamless Integration with SLOT NX and Full Lens Lineup

Supports optional SLOT NX interface boards and 4K signal input for easy integration in diverse applications. Compatible with Panasonic's 1-Chip DLP™ lens lineup, flexibility is extended with the addition of the new ET-DLE020 ultra short-throw lens.

• Excellent Reliability in Tough Conditions

Further improvements to Panasonic's unique SOLID SHINE Laser cooling system achieve 20,000 hours*2 of maintenance-free operation, all from the same compact body-size as our 1-Chip DLP™ WUXGA laser models.

Specifications (Tentative)

Model		PT-RCQ10L	PT-RCQ75L
Projector type		1-Chip DLP™ projector	
DLP™ chip	Panel size	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio	
	Display method	DLP™ chip x 1, DLP™ projection system	
	Number of pixels	2,304,000 (1920 × 1200) pixels	
Light source		Laser diodes	
Light output*1		10,000 lm	7,500 lm
Time until light output declines to 50 %*2		20,000 hours (NORMAL) / 24,000 hours (ECO)	
Resolution		4K-equivalent (4K Smooth Pixel Drive: ON)	
Contrast ratio*1		10,000:1 (Full On/Full Off, Dynamic Contrast Mode: ON)	
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, 16:10 aspect ratio	
Center-to-corner zone ratio*1		90 %	
Lens		Optional lenses	
Lens shift*3	Vertical (from center of screen)	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)	
	Horizontal (from center of screen)	+30 %, -10 % (+19 %, -10 % with ET-DLE060 / +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)	
Keystone correction range		Vertical: ±40° (±16° with ET-DLE060, ±22° with ET-DLE105/ET-DLE085/DLE055, +5° with ET-DLE035), Horizontal: ±15° (±10° with ET-DLE060) (cannot be operated with ET-DLE035)	
Keystone correction range with optional ET-UK20 Upgrade Kit		Vertical: ±45° (±16° with ET-DLE060, ±40° with ET-DLE150/DLE250/ET-DLE170, ±22° with ET-DLE105/ET-DLE085/DLE055), Horizontal: ±40° (±10° with ET-DLE060, ±15° with ET-DLE105/ET-DLE085/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	
	HDMI IN	HDMI 19-pin x 1 (Deep Color, compatible with HDCP 2.2)	
	DVI-D IN	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)	
	MULTI PROJECTOR SYNC IN	BNC x 1	
	MULTI PROJECTOR SYNC OUT	BNC x 1	
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
	SERIAL OUT	D-sub 9-pin (male) x 1 for link control	
	REMOTE 1 IN	M3 x 1 for wired remote control	
	REMOTE 1 OUT	M3 x 1 for link control (for wired remote control)	
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)	
	LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (Class 2), Art-Net	
	DIGITAL LINK/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	
	USB	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)	
Expansion Slot		SLOT for interface boards, SLOT NX compatible	
Power supply		AC 100–240 V, 50/60 Hz	
Power consumption		1,200 W	TBD
Cabinet materials		Molded plastic	
Operation noise*1		TBD	TBD
Dimensions (W × H × D)		498 x 200*4 x 538 mm (19 19/32" x 7 7/8" *4 x 21 3/16") (without lens)	
Weight*5		23.8 kg (52.5 lbs)	
Operating environment		Operating temperature: 0–45 °C (32–113 °F)*6, operating humidity: 10–80 % (no condensation)	
Applicable software		Logo Transfer Software, Multi Monitoring & Control Software, Geometry Manager Pro, 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 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [ON], 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. *3 Lens shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE035. *4 With legs at shortest position. *5 Average value. May differ depending on the actual unit. *6 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.

Optional Accessories

<ul style="list-style-type: none"> Fixed-Focus Lens ET-DLE035 (0.380:1) / ET-DLE055 (0.785:1) Zoom Lens ET-DLE020* (0.28-0.30:1) / ET-DLE060 (0.600-0.801:1) / ET-DLE085 (0.782-0.977:1) / ET-DLE105 (0.978-1.32:1) / ET-DLE150 (1.30-1.89:1) / ET-DLE170 (1.71-2.41:1) / ET-DLE250 (2.27-3.62:1) / ET-DLE350 (3.58-5.45:1) / ET-DLE450 (5.36-8.58:1) * Available from October 2019. Note: With WUXGA resolution. Value depends on resolution. 	<ul style="list-style-type: none"> Ceiling Mount Bracket ET-PKD130H (6-axis, for high ceiling) ET-PKD120H (for high ceiling) ET-PKD120S (for low ceiling) Projector Mount Bracket ET-PKD130B Interface Board for 12G-SDI Input ET-MDN12G10 Interface Board for HDMI® (HDCP 2.2) Input ET-MDNHM10 	<ul style="list-style-type: none"> Interface Board for DVI Input ET-MDNDV10 Interface Board for 3G-SDI Input TY-TBN03G Interface Board for DisplayPort™ ET-MDNDP10 Wireless Module AJ-WM50 Note: Product availability may vary by country or region. The suffix at the end of the model number is omitted. 	<ul style="list-style-type: none"> DIGITAL LINK Switcher ET-YFB200G Note: ET-YFB200G is not compatible with 4K signals. Digital Interface Box ET-YFB100G Note: ET-YFB100G is not compatible with 4K signals. Geometry Manager Pro Software Upgrade Kit ET-UK20 	<ul style="list-style-type: none"> Auto Screen Adjustment Upgrade Kit ET-CUK10/ET-CUK10P Early Warning Software ET-SWA100 Series Note: Part number suffix may differ depending on the license type. * Multi Monitoring & Control Software Ver. 2.0 or later is required. Please download from the following website: https://panasonic.net/cns/projector/download/application/
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