PT-RCQ80/RCQ80L

PT-RCQ10/RCQ10L

Projector type	1-Chip DLP™ projector	1-Chip DLP™ projector
DLP™ chip		
Panel size	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio
Display method	DLP™ chip x 1, DLP™ projection system	DLP™ chip x 1, DLP™ projection system
Number of pixels	2,304,000 (1920 x 1200) pixels	2,304,000 (1920 x 1200) pixels
Light source	Laser diodes	Laser diodes
Light output	10,000 lm[*1] / 10,500 lm (Center)[*2]	8,000 lm[*1] / 8,400 lm (Center)[*2]
Time until light output declines to 50 %[*3]	20,000 hours (NORMAL) / 24,000 hours (ECO)	20,000 hours (NORMAL) / 24,000 hours (ECO)
Resolution	4,608,000 pixels / 2715 x 1697 dots * With Smooth Pixel Drive: ON.	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].	10,000:1 (Full On/Full Off) * With [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	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 %	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	PT-RCQ80: Powered zoom (throw ratio 1.71–2.41:1), powered focus F 1.7–1.9, f 25.6–35.7 mm PT-RCQ80L: Optional powered zoom/focus lenses
Lens shift[*4]		
Vertical (from center of screen)	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
Horizontal (from center of	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)

	screen)	
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)	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 °.	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	Ceiling/floor, front/rear, free 360-degree installation
Terminals		
SDI IN	BNC x 1: 3G/HD-SDI input	BNC x 1: 3G/HD-SDI input
HDMI IN	HDMI 19-pin x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input[*5])	HDMI 19-pin x 1 (Deep Color, compatible with HDCP 2.2, 4K/60p signal input[*5])
DVI-D IN	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)	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	BNC x 1
MULTI PROJECTOR SYNC OUT	BNC x 1	BNC x 1
SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	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	D-sub 9-pin (male) x 1 for link control
REMOTE 1 IN	M3 x 1 for wired remote control	M3 x 1 for wired remote control
REMOTE 1 OUT	M3 x 1 for link control (for wired remote control)	M3 x 1 for link control (for wired remote control)
REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)	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	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, compliant with PJLink™ (Class 2), Art-Net
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]	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]
USB	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)	USB Connector (Type A) x 1 for Cloning/Wireless Module (output 5 V/500 mA)
Expansion Slot	Open slot for SLOT NX compatible interface board	Open slot for SLOT NX compatible interface board
Power supply	AC 100–240 V, 50/60 Hz	AC 100–240 V, 50/60 Hz
Power consumption	1,100 W	880 W
Cabinet materials	Molded plastic	Molded plastic

Operation noise[1]	43 dB (Normal)/40 dB (Quiet 1)/38 dB (Quiet 2)	40 dB (Normal)/38 dB (Quiet)
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)	PT-RCQ80: 498 x 200[6] x 581 mm (19 19/32″ x 7 7/8″ [6] x 22 7/8″) (with supplied lens) PT-RCQ80L: 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)	PT-RCQ80: Approx. 24.2 kg (53.4 lbs) (with supplied lens) PT-RCQ80L: 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)	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™	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™