



Deliver More for Less with the World's Smallest and Lightest 16,000 lm 3-Chip DLP™ 4K Projector

PT-RQ18K

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Key Features

Compact Form-Factor Streamlines Workflow

Create an Engaging Visual Experience

Maintenance-free for Peace of Mind

3-Chip DLP™ 4K Laser Projector with Quad Pixel Drive

16,000 Lumen Brightness





PT-RQ18K

<https://ap.connect.panasonic.com/sg/en/products/projectors/pt-rq18k>

Projector type	3-Chip DLP™ projector
Display method	DLP™ chip x 3, DLP™ projection system
Display Device -> Panel size	20.3 mm (0.8 in) diagonal (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels) x 3
Light source	Laser diode
Light output *1	16,000 lm
Light output (ANSI)	16,000 lm
Light output (Center) *1 *2	16,800 lm (Center)
Time until light output declines to	20,000 hours [NORMAL]
50 % -> NORMAL *3	
Time until light output declines to	24,000 hours [ECO]
50 % -> ECO *3	
Time until light output declines to	20,000 hours [QUIET]
50 % -> QUIET *6	
Resolution	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.) *1	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	1.78–25.40 m (70–1000 in), 1.78–15.24 m (70–600 in) with ET-D75LE8/ ET-D3LET80, 3.05–15.24 m (120–600 in) with ET-D75LE95, 5.08–15.24 m (200–600 in) with ET-D3LEU100/D3LEW200
Center-to-corner zone ratio *1	90%
Lens	Optional (no lens included with this model)
Lens shift -> Vertical(from center of screen) *4	±66 % (52 % with ET-D75LE6/ET-D3LEW60, +71 % / +93 % with ET-D75LE95, ±66 % with ET-D3LEU100, ±57 % with ET-D3LEW200) (powered)
Lens shift -> Horizontal(from center of screen) *4	±24 % (18 % with ET-D75LE6/ET-D3LEW60, ±14 % with ET-D75LE95, -25 % / +30 % with ET-D3LEU100, ±18 % with ET-D3LEW200) (powered)
Keystone correction range	Vertical: ±45 ° (± 40 ° with ET-D75LE10/ET-D3LEW10/ET-D75LE20/ET-D3LES20, ±28 ° with ET-D75LE6/ET-D3LEW60, ±22 ° with ET-D3LEW50, ±15 ° with ET-D3LEW200, ±8 ° with ET-D3LEU100, +5 ° with ET-D75LE95), Horizontal: ±40 ° (±15 ° with ET-D3LEW50/ET-D75LE6/ET-D3LEW60, ±5 ° with ET-D3LEU100/ET-D3LEW200, 0 ° with ET-D75LE95) 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 -> HDMI™ IN	HDMI x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5)
Terminals -> DisplayPort™ IN	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5)
Terminals -> MULTI PROJECTOR	BNC x 1
SYNC IN	
Terminals -> MULTI PROJECTOR	BNC x 1
SYNC OUT	
Terminals -> MULTI SYNC IN / 3D –	
SYNC 1 IN/OUT (dual purpose)	
Terminals -> MULTI SYNC OUT /	–
3D SYNC 2 OUT (dual purpose)	–
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 (RS-232C compliant)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals -> REMOTE 1 OUT	M3 stereo mini-jack 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, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals -> DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)
Terminals -> USB TYPE A	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory
Terminals -> SLOT	Open slot for function boards, Intel® SDM compatible
Power supply	AC 100 V–120 V / AC 200 V–240 V, 50 Hz/60 Hz (The maximum value of light output is limited to 15,000 lm or less when using the projector with AC 100 V to AC 120 V. Other limitations apply.*6)
Maximum power consumption	AC 200 V–AC 240 V : 1,190 W (1,220 VA) AC 100 V–AC 120 V : 1,080 W (1,090 VA)
On-mode power consumption(Operating mode) ->	[NORMAL] 1,030 W
Normal	
On-mode power consumption(Operating mode) ->	[ECO] 820 W
Eco	
On-mode power consumption(Operating mode) ->	[QUIET] 810 W
Quiet *8	
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *1	43 dB [NORMAL]
Operation noise -> Eco *3	43 dB [ECO]

Operation noise -> Quiet *1	40 dB [QUIET]
Dimensions (W x H x D)	Approx. 550 x 220 x 570 mm (21 5/8" x 8 11/16" x 22 7/16") (not including protruding parts)
Dimensions (W x H x D) -> Width (not including protruding parts)	550 mm (21 5/8")
Dimensions -> Height (not including protruding parts)	220 mm (8 11/16")
Dimensions -> Depth (not including protruding parts)	570 mm (22 7/16")
Weight *7	Approx. 35 kg (77.2 lbs)
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, Projector Network Setup Software, Early Warning Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Footnote Description	<p>1. This is the value when the Zoom Lens (Model No.: ET-D3LES20) is used with power supply voltage of AC 200 V to AC 240 V. The value varies depending on the lens.</p> <p>2. When [OPERATING MODE] is set to [NORMAL].</p> <p>3. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped.</p> <p>4. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</p> <p>5. Average light-output value of all shipped products measured at the center of the screen.</p> <p>6. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [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 decreases to 50 % will vary depending on environment.</p> <p>7. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ24K and PT-RZ17K.</p> <p>8. Maximum value of light output is further decreased in the following cases: when a function board is installed in the slot, when the light source is deteriorating from use, or when there is dust on the optical parts.</p> <p>9. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft).</p> <p>10. Average value. May differ depending on the actual unit.</p> <p>11. When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0-40 °C (32-104 °F). The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft).</p>

Body Colour	Black
Gross Dimensions (W x H x D in mm)	RQ18KU/RQ18KE: 792 x 794 x 455 mm RQ18KE: 770 x 772 x 445 mm
Gross Weight (Kg)	RQ18KU: 44.0 kg (96.9 lbs) RQ18KE: 42.4 kg (93.6 lbs) RQ18KE: 44.2 kg (97.5 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	RQ18KE: 5025232925551 RQ18KE: 8887549809804