



Pohlující pro všechny: Kompaktní a lehké
projektory 1DLP 4K

PT-RQ7L

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Key Features

Zpřístupnění vizuálního obrazu v rozlišení 4K

Kompaktní design pro snadný pracovní postup

Stabilní, spolehlivá a efektivní projekce



PT-RQ7L

<https://eu.connect.panasonic.com/cz/cs/projektory/pt-rq7l>

Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel size	16.5 mm (0.65 in) diagonal (16:9 aspect ratio)
Display Device -> Number of pixels	2,073,600 (1920 x 1080 pixels)
Light source	Laser diode
Light output *1 *2 *3	7,500 lm
Light output (ANSI) *4	7,500 lm
Light output (Center) *5	PT-RQ7L/RZ7L : 7,700 lmPT-RQ6L/RZ6L : 6,700 lm
Time until light output declines to 50 %	20,000 hours [NORMAL]
-> NORMAL *6	
Time until light output declines to 50 %	24,000 hours [ECO]
-> ECO *6	
Time until light output declines to 50 %	20,000 hours [QUIET]
-> QUIET *6	
Resolution	4K (3840 x 2160 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.) *3	15,000:1 (Full On/Full Off, Dynamic Contrast [3]) (TBD)
Screen size (diagonal)	1.27–5.08 m (50–200 in) with ET-DLE055, 1.27–15.24 m (50–600 in) with ET-DLE060/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350, 2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020
Center-to-corner zone ratio *3	90%
Lens	Optional (no lens included with this model)
Lens shift -> Vertical(from center of screen)	+55 %, -18 % (with ET-DLE020/ET-DLE085/ET-DLE105/ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450), +44 %, -18 % (with ET-DLE060) (TBD)
Lens shift -> Horizontal(from center of screen)	+30 %, -10 % (with ET-DLE150/ET-DLE170/ET-DLE250/ET-DLE350/ET-DLE450); +28 %, -10 % (with ET-DLE085/ET-DLE105); +19 %, -10 % (with ET-DLE060); +10 %, -20 % (with ET-DLE020) (TBD)
Keystone correction range	(TBD)
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 -> 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 -> DIGITAL LINK IN / LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color, 4K/60p*5 *6 signal input)
Terminals -> LAN	RJ-45 x 1 for network connection, PLink™ (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 (dual-use with DC OUT terminal)
Terminals -> SLOT	Open slot for function boards, Intel® SDM standard SLOT-compatible
Protocol versions	IPv4, IPv6*7
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption *9	720 W (7.3–3.3 A) (730 VA) (TBD)
On-mode power consumption(Operating mode) -> Normal *9	[NORMAL] 570 W (TBD)
On-mode power consumption(Operating mode) -> Eco *9	[ECO] 440 W (TBD)
On-mode power consumption(Operating mode) -> Quiet *9	[QUIET] 435 W (TBD)
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *3	36 dB [NORMAL] (TBD)
Operation noise -> Eco *3	36 dB [ECO] (TBD)
Operation noise -> Quiet *3	33 dB [QUIET] (TBD)
Dimensions (W x H x D)	Approx. 498 x 170 x 440 mm (19 19/32" x 6 11/16" x 17 5/16") (With legs at shortest position, excluding protruding parts)
Dimensions (W x H x D) -> Width (not including protruding parts)	498 mm (19 19/32")
Dimensions -> Height (including protruding parts)	170 mm (6 11/16")
Dimensions -> Depth (not including protruding parts)	440 mm (17 5/16")
Weight [kg] *10	18.0 kg (39.7 lbs) or less (TBD)
Operating environment -> Operating temperature *11	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System*11, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Control function via LAN	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PLink™ (Class 2)

Footnote Description

1. When ET-DLE170 is attached. When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL].
2. 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.
3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.
4. Average light-output value of all shipped products measured at the center of the screen.
5. Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft), with 0.15 mg/m³ of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment.
6. Cannot be used when ET-DLE035 is installed.
7. Supports YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.
8. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.
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).
10. Average value. May differ depending on the actual unit.
11. When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). Note that the projector cannot be used at altitudes 4,200 m (13,780 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 1,400 m (4,593 ft) and ambient temperature is 35 °C (95 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher; and when the projector is used at altitudes between 2,700 m (8,858 ft) and 4,200 m (13,780 ft) exclusive and ambient temperature is 25 °C (77 °F) or higher.
12. PT-RQ7L/RQ6L only.
13. 4K signals are converted to WUXGA (1920 x 1200 pixels) only for the PT-RZ7L/RZ6L.



Kompatibilní s bezdrátovou sítí LAN 6 GHz. Nový model bezdrátového prezentačního systému "PressIT" s vysoce kvalitním zobrazením videa a vylepšenou flexibilitou instalace - Jednoduše připojte vysílač a zobrazte 4K obraz na obrazovce stisknutím tlačítka.

PressIT - Bezdrátový prezentační systém

Kompatibilní s bezdrátovou sítí LAN 6 GHz. Nový model bezdrátového prezentačního systému "PressIT" s vysoce kvalitním zobrazením videa a vylepšenou flexibilitou instalace - Jednoduše připojte vysílač a zobrazte 4K obraz na obrazovce stisknutím tlačítka.

Key Features

Není nutná žádná instalace softwaru. Snadné sdílení obrazovek stisknutím tlačítka

Přijata bezdrátová síť LAN 6 GHz. Zvýšený počet připojovacích kanálů pro větší flexibilitu při instalaci

Spolehlivý výkon, který lze použít s počítači s přísným zabezpečením

PressIT - Bezdrátový prezentační systém

<https://eu.connect.panasonic.com/cz/cs/profesionalni-displeje/professional-displays-overview/pressit-bezdratovy-prezentacni-system>

Max. resolution/ Framerate	Receiver(TY-WPR2): 1920 x 1080/60p, 3840 x 2160/60p Transmitter(TY-WPB2/WPBC2): 1920 x 1080/60p, 3840 x 2160/30p
Number of simultaneous connections	Receiver(TY-WPR2): 32
Number of sources simultaneous on screen	Receiver(TY-WPR2): 4
Data Rate -> Wired	Receiver(TY-WPR2): 10/100 (Mbps)
Data Rate -> Wireless	Receiver(TY-WPR2): Max. 2.4Gbps Transmitter(TY-WPB2/WPBC2): Max. 1.2Gbps
Frequency band	2.4GHz band 2,401 MHz to 2,483 MHz 1/2/3/4/5/6/7/8/9/10/11/12/13 Channel 5GHz band 5,150 MHz to 5,250 MHz 36/40/44/48 Channel 6GHz band 5,945 MHz to 6,425 MHz 1/5/9/13/17/21/25/33/37/41/45/49/53/57/61/65/69/73/77/81/85/89/93 Channel 5GHz band 5,150 MHz to 5,250 MHz 36/40/44/48 Channel 6GHz band 5,945 MHz to 6,425 MHz 1/5/9/13/17/21/25/33/37/41/45/49/53/57/61/65/69/73/77/81/85/89/93 Channel
Wireless Transmission standards	Receiver(TY-WPR2): IEEE802.11 b/a/g/n/ac/ax Transmitter(TY-WPB2/WPBC2): IEEE802.11 ac/ax
Security	WPA2/WPA3
Reachable distance (Max distance between transmitter and receiver)	30 m (5GHz)/15 m (6GHz) (When the line of sight/wave connections are good)
Connection terminal - > HDMI™ IN	Receiver(TY-WPR2): HDMI™Transmitter(TY-WPB2): HDMI™
Connection terminal -> USB TYPE A	Receiver(TY-WPR2): USB-A(female)Transmitter(TY-WPB2): USB-A(male)
Connection terminal -> USB TYPE C	Transmitter(TY-WPBC2): USB-C(male)
Connection terminal -> LAN	Receiver(TY-WPR2): RJ45
Power	Receiver(TY-WPR2): DC 5 V/2 A Transmitter(TY-WPB2): DC 5 V/0.9 A Transmitter(TY-WPBC2): DC 5 V/0.9 A
Power consumption (During image display)	Receiver(TY-WPR2): 10W Transmitter(TY-WPB2): 4.5W Transmitter(TY-WPBC2): 4.5W
MECHANICAL -> Dimension(W)	Receiver(TY-WPR2): 156 mm Transmitter(TY-WPB2): 61.3 mm Transmitter(TY-WPBC2): 61.3 mm
MECHANICAL -> Dimension(H)	Receiver(TY-WPR2): 26 mm Transmitter(TY-WPB2): 19.8 mm Transmitter(TY-WPBC2): 19.8 mm
MECHANICAL -> Dimension(D)	Receiver(TY-WPR2): 97.5 mm (Excluding antenna) Transmitter(TY-WPB2): 87.3 mm (Excluding cable), 297.3 mm (Including cable) Transmitter(TY-WPBC2): 87.3 mm (Excluding cable), 192.3 mm (Including cable)
Weight	TBD
Footnote Description	*Specifications and appearance are subject to change without notice.

Zoom Lens

ET-DLE170

This zoom lens is designed for use with Panasonic’s applicable projectors. The lens makes it possible to vary the projection distance by changing the focal distance.

NOTE: The lens cannot be used by itself. It must be mounted onto the specified Panasonic DLP™ projector.

Specifications

F value:	1.7–1.9
Focal distance (f):	25.6–35.7 mm
Throw ratio	WUXGA 1.71-2.41:1 (16:10 aspect ratio) WXGA 1.80-2.54:1 (16:10 aspect ratio) XGA 1.78-2.50:1 (4:3 aspect ratio)
Dimensions (W × H × D):	95 × 95 × 166 mm (3-3/4 × 3-3/4 × 6-17/32 inches)
Weight:	0.9 kg (2.0 lbs)
Applicable projector:	Group A PT-DZ870/DZ870L/DW830/DW830L/DX100/DX100L Group B PT-DZ770/DZ770L/DW740/DW740L/DX810/DX810L/DZ680/DZ680L/ DW640/DW640L/DX610/DX610L/DZ6710/DZ6710L/DW730/DW730L/ DX800/DX800L/DZ6700/DZ6700L/DW6300/DW6300L/D6000/D6000L/ D5000/D5000L Group C PT-RCQ10/RCQ10L/RCQ80/RCQ80L/RZ990/RZ990L/RZ890/RZ890L/ RZ790/RZ790L/RZ690/RZ690L/RZ120/RZ120L/RZ970/RZ970L/ RW930/RW930L/RX110/RX110L/RZ870/RZ870L/RZ770/RZ770L/ RW730/RW730L/RZ670/RZ670L/RZ660/RZ660L/RW630/RW630L/ RW620/RW620L Group D PT-DZ780/DZ780L/DW750/DW750L/DX820/DX820L Group E PT-RQ7/RQ6/RZ7/RZ6

*For Group E projectors see the individual spec les of the projectors.

Dimensions

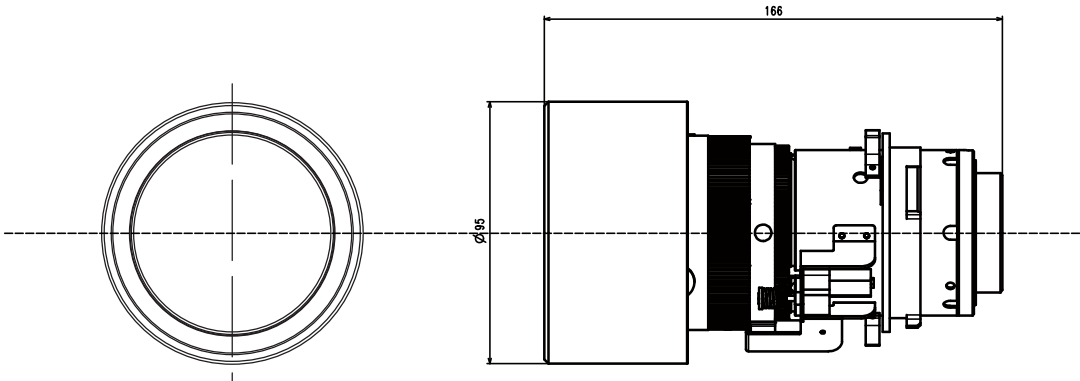
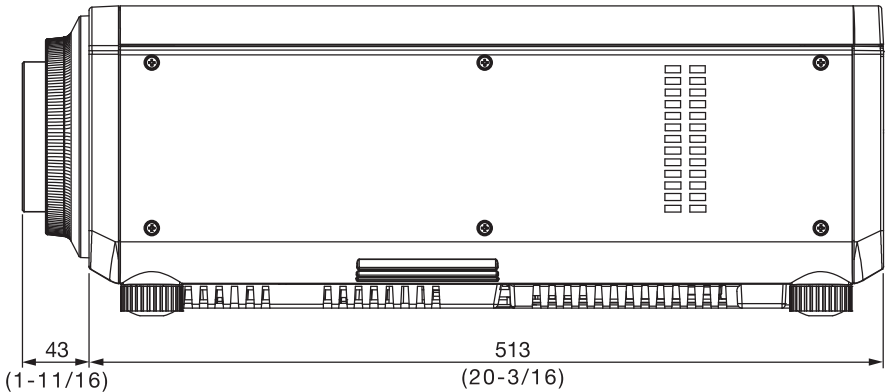


Illustration shows the lens attached to an applicable projector.

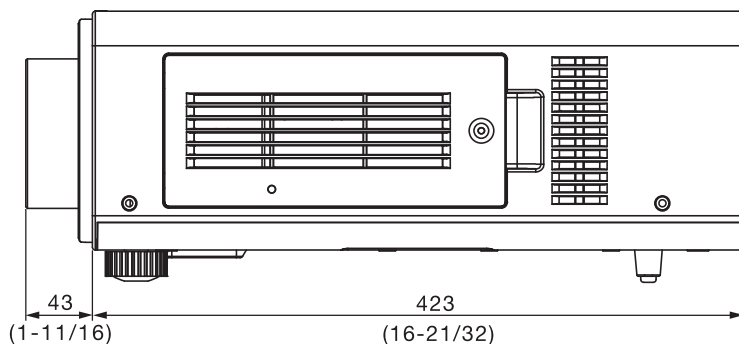
[Group A]



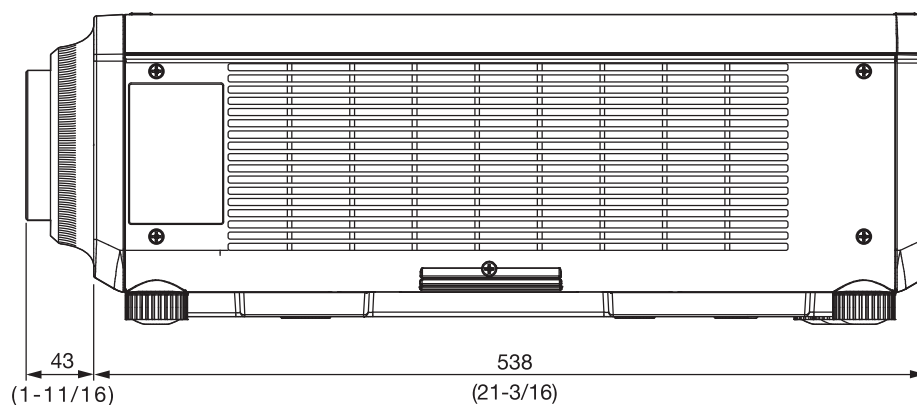
unit : mm (inch)

NOTE: This illustration is not drawn to scale.

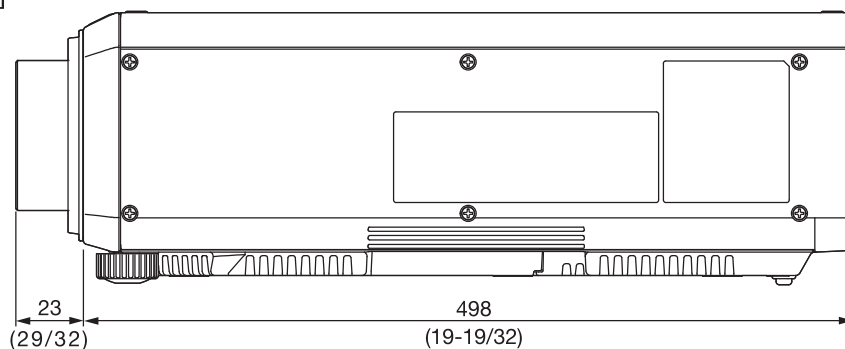
[Group B]



[Group C]



[Group D]



unit : mm (inch)
NOTE: This illustration is not drawn to scale.

For information on the projection distance, refer to the specifications for the projector to which the lens will be mounted.
DLP is a trademark of Texas Instruments. Weights and dimensions shown are approximate. Specifications subject to change without notice.

Simple

Advance

Help

Print

Model type

All



Model number

Model search

PT-RQ7L

7 500 lm / 7 700 lm(Center) / 4K



Lenses

Lens search

ET-DLE170

Aspect ratio

16:9(4K)

Unit ☒ m ☐ ft ☐ inch

depth width height

Room dimensions in m 10,000 10,000 4,000

Installation place Desktop

- ☐ Lock horizontal position ☐ Lock vertical position
☐ Lock screen size ☐ Lock projection distance

Simulation type Flat

Screen size

Diagonal	Width	Height
187,91 inch	4,160 m	2,340 m

Distance to screen 7,199 m

Screen gain 1,00

Ambient light 200 lux

Reset

Size of screen	135 inch ~ 188 inch
Width	2.978 m ~ 4.16 m
Height	1.675 m ~ 2.34 m
Distance to screen(Min~Max)	7.199 m ~ 10.085 m
Screen illuminance(Center)	791 lux
Screen luminance(Center)	252 cd/m ²
Screen contrast(Center)	5:1

Side View

0



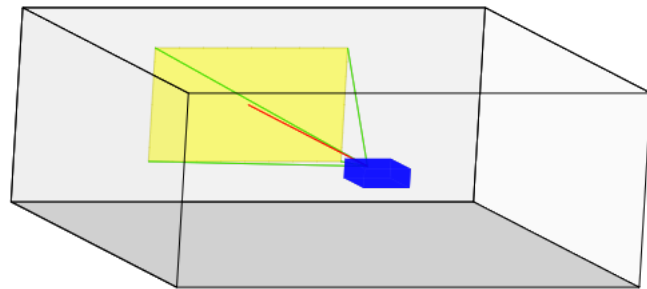
Position

Front View

0



3D View

☒ 3D View☐ Top View

NOTE:

- The calculated values may vary depending on usage and ambient conditions.
- Calculator accuracy: ±5%(for all values except projector output and screen luminance).
- The scale of projector is not accurate.
- The calculation result is from the lens center of projector.
- Lens layout varies dependent on projector.