Panasonic



가 가 **42,000lm*1** **4K**

PT-RQ45K

Quad Pixel Drive 42,000lm 3-Chip DLPTM ,
4K(3840 × 2400) .
. ( )
50 dB Intel® SDM , 12G-SDI 5 LCD
. ,
. 240Hz(1080p) , 24 , 360 .
70 kg, 598 × 353 × 780 mm, ( ) : Black

Key Features

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PT-RQ45K

https://ap.pnd.panasonic.com/kr/ko/pt-rq45k

Projector type	3- DLP™
Display method	DLP™ chip x 3, DLP™ projection system
Display Device -> Panel size	24.4 mm (0.96 in) diagonal (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels) x 3
Light source	Laser diodes (Blue LD, Red LD)
Light output *1 *2 *3	45,000 lm*3
Light output (ANSI) *1 *2 *4	42,000 lm*4
Light output (Center) *1 *2 *5	43,600 lm*5
Time until light output declines to 50 % -> NORMAL *6	20,000 [NORMAL]
Time until light output declines to 50 % -> ECO *6	24,000 [ECO]
Time until light output declines to 50 % -> QUIET *5	26,000 hours [QUIET]
Resolution	PT-RQ42K: 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON) PT-RZ41K: WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.) *3	25,000 : 1(Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	1.78–25.40 m (70–1000 in) (Depending on attached lens)
Center-to-corner zone ratio *3	90%
Lens	(가 .)
Lens shift -> Vertical(from center of screen)	±55 % (+68 %, +78 % with ET-D75LE95, ±48 % with ET-D3LEW201,±44 % with ET-D3LEW60/D3LEW300/D3LEW600) (Powered)
Lens shift -> Horizontal(from center of screen)	±20 % (±15 % with ET-D3LEW300/D3LEW600/D3LEW201, ±12 % with ET-D75LE95,0 %, +25 % with ET-D3LEU101) (Powered)
Keystone correction range	: ±45° (ET-D3LEW10/D3LES20/D3LES250 ± 40°, ET-D3LEW600 ±28 °, ET-D3LEW50 ±22 °, ET-D3LEW201/D3LEW300 ±15 °, ET-D3LEU101 ±8 °, ET-D75LE95 +5 °); : ±40° (ET-D3LEW50/D3LEW600 ±15°, ET-D3LEU101/D3LEW201/D3LEW300 ±5°, ET-D75LE95 0°)[ ] [ ] 55° .
Installation	/ , / , 360
Terminals -> SDI IN	BNC x 1 : 12G / SDI input
Terminals -> HDMI™ IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*6)
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 -> 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 -> LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals -> DC OUT	USB A x 1 (, DC 5 V, 2 A)
Terminals -> USB TYPE A	AJ-WM50 /USB USB A x 1
Terminals -> SLOT	, ® SDM
Protocol versions	IPv4, IPv6*8
Power supply	Single Phase AC 100–240 V, 50/60 Hz
Maximum power consumption *9	3,170W
On-mode power consumption(Operating mode) -> Normal *9 *10	2,860W
On-mode power consumption(Operating mode) -> Eco *9 *10	2,250W
On-mode power consumption(Operating mode) -> Quiet *13 *14	2,010W
Cabinet materials	Molded plastic
Operation noise -> Normal *3	49 dB [NORMAL]
Operation noise -> Eco *3	49 dB [ECO]
Operation noise -> Quiet	46 dB [QUIET]
Dimensions (W x H x D)	598 x 352 x 780 mm (23 17/32 x 13 27/32″ x 30 23/32″) ( )
Weight *11	66 kg (145.5 lbs)
Operating environment -> Operating temperature *12	0–45 °C (32–113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	Visual Software Suite, , , iOS/Android™
Control function via LAN	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)
Terminals -> MULTI SYNC IN/ 3D SYNC 1 IN/OUT (dual purpose)	-
Terminals -> MULTI SYNC OUT/ 3D SYNC 2 OUT (dual purpose)	-
Terminals -> DVI-D IN	—
Terminals -> DisplayPort™ IN	—

Terminals -> DIGITAL LINK IN / LAN	–
Gross Dimensions (W x H x D in mm)	790 x 702 x 957 mm
Gross Weight (Kg)	70 kg (155 lbs) (TBD)
NFC	Yes
Active 3D	No
SDM	Yes
EAN	RQ45KEJ: 5025232988921 RQ45KD: 8887549897283 RQ45KE: 8887549897276
Footnote Description	1. ET-D3LES250 (CY2026 / AC 200–240V) . 2. [PICTURE MODE]가 [DYNAMIC] [LIGHT POWER]가 [NORMAL] . 3. , , ISO/IEC 21118: 2020 . . 4. , , (American National Standards Institute) . . 5. NORMAL . 6. 50% . ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] [2]). 50 % . 7. 4K PT-RZ44K WUXGA(1920 x 1200) . 8. AJ-WM50 IPv6 . 9. , , ISO/IEC 21118: 2020 . 10. 25 °C(77 °F) 700 m(2,297 ft) . 11. . 12. 4,200m . (4,200m .) , . . 0~1,400m (0~4,593 ft) 0°C~45°C (32~113 °F) . 1,400m (4,593 ft) 4,200m (13,780 ft) : 0°C (32°F) 40°C (104°F) . AJ-WM50 40°C (104 °F) .