

# Panasonic



가 가 42,000lm\*1 4K

## PT-RQ45K

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

### Key Features

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_



<b>Projector type</b>	3- DLP™
<b>Display method</b>	DLP™ chip x 3, DLP™ projection system
<b>Display Device -&gt; Panel size</b>	24.4 mm (0.96 in) diagonal (16:10 aspect ratio)
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200 pixels) x 3
<b>Light source</b>	Laser diodes (Blue LD, Red LD)
<b>Light output *1 *2 *3</b>	45,000 lm*3
<b>Light output (ANSI) *1 *2 *4</b>	42,000 lm*4
<b>Light output (Center) *1 *2 *5</b>	43,600 lm*5
<b>Time until light output declines to 50 %</b>	20,000 [NORMAL]
<b>-&gt; NORMAL *6</b>	
<b>Time until light output declines to 50 %</b>	24,000 [ECO]
<b>-&gt; ECO *6</b>	
<b>Time until light output declines to 50 %</b>	26,000 hours [QUIET]
<b>-&gt; QUIET *5</b>	
<b>Resolution</b>	PT-RQ42K: 4K (3840 x 2400 pixels) (Quad Pixel Drive: ON) PT-RZ41K: WUXGA (1920 x 1200 pixels)
<b>Contrast Ratio (typ.) *3</b>	25,000 : 1 (Full On/Full Off, Dynamic Contrast [3])
<b>Screen size (diagonal)</b>	1.78–25.40 m (70–1000 in) (Depending on attached lens)
<b>Center-to-corner zone ratio *3</b>	90%
<b>Lens</b>	◆ ( 가 )
<b>Lens shift -&gt; Vertical (from center of screen)</b>	±55 % (+68 %, +78 % with ET-D75LE95, ±48 % with ET-D3LEW201, ±44 % with ET-D3LEW60/D3LEW300/D3LEW600) (Powered)
<b>Lens shift -&gt; Horizontal (from center of screen)</b>	±20 % (±15 % with ET-D3LEW300/D3LEW600/D3LEW201, ±12 % with ET-D75LE95, 0 %, +25 % with ET-D3LEU101) (Powered)
<b>Keystone correction range</b>	: ±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°
<b>Installation</b>	/ , / , 360
<b>Terminals -&gt; SDI IN</b>	BNC x 1 : 12G / SDI input
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*6)
<b>Terminals -&gt; MULTI PROJECTOR SYNC IN</b>	BNC x 1
<b>Terminals -&gt; MULTI PROJECTOR SYNC OUT</b>	BNC x 1
<b>Terminals -&gt; SERIAL IN</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals -&gt; REMOTE 1 IN</b>	M3 stereo mini-jack x 1 for wired remote control
<b>Terminals -&gt; REMOTE 1 OUT</b>	M3 stereo mini-jack x 1 for link control (for wired remote control)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
<b>Terminals -&gt; DC OUT</b>	USB ◆ A x 1 ( , DC 5 V, 2 A)
<b>Terminals -&gt; USB TYPE A</b>	◆ AJ-WM50 /USB USB ◆ A x 1
<b>Terminals -&gt; SLOT</b>	◆ , ◆Ⓜ SDM
<b>Protocol versions</b>	IPv4, IPv6*8
<b>Power supply</b>	Single Phase AC 100–240 V, 50/60 Hz
<b>Maximum power consumption *9</b>	3,170W
<b>On-mode power consumption (Operating mode) -&gt; Normal *9 *9 *10</b>	2,860W
<b>On-mode power consumption (Operating mode) -&gt; Eco *9 *9 *10</b>	2,250W
<b>On-mode power consumption (Operating mode) -&gt; Quiet *13 *14</b>	2,010W
<b>Cabinet materials</b>	Molded plastic
<b>Operation noise -&gt; Normal *3</b>	49 dB [NORMAL]
<b>Operation noise -&gt; Eco *3</b>	49 dB [ECO]
<b>Operation noise -&gt; Quiet</b>	46 dB [QUIET]
<b>Dimensions (W x H x D)</b>	598 x 352 x 780 mm (23 17/32 x 13 27/32 x 30 23/32) ( )
<b>Weight *11</b>	66 kg (145.5 lbs)
<b>Operating environment -&gt; Operating temperature *12</b>	0–45 °C (32–113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	10–80 % (no condensation)
<b>Applicable software</b>	Visual Software Suite, , , iOS/Android™
<b>Control function via LAN</b>	Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PjLink™ (Class 2)
<b>Terminals -&gt; MULTI SYNC IN / 3D SYNC 1 IN/OUT (dual purpose)</b>	-
<b>Terminals -&gt; MULTI SYNC OUT / 3D SYNC 2 OUT (dual purpose)</b>	-
<b>Terminals -&gt; DVI-D IN</b>	—
<b>Terminals -&gt; DisplayPort™ IN</b>	—
<b>Terminals -&gt; DIGITAL LINK IN / LAN</b>	—
<b>Gross Dimensions (W x H x D in mm)</b>	790 x 702 x 957 mm
<b>Gross Weight (Kg)</b>	70 kg (155 lbs) (TBD)

<b>NFC</b>	Yes
<b>Active 3D</b>	No
<b>SDM</b>	Yes
<b>EAN</b>	RQ45KE: 5025232988921 RQ45KD: 8887549897283 RQ45KE: 8887549897276

<b>Footnote Description</b>	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°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)