Panasonic CONNECT

Designed for long-lasting stable brightness in events and staging. Laser light source, 3-chip DLP, 12 000 lumens, WUXGA projector.

PT-RZ12K

Compact 12 000 lumens Solid Shine laser ProjectorDesigned for long-lasting stable brightness in events and stagingExchangeable lens - 24/7 Operation, Digital Link, High Frame Rate 120 Hz, Geometric Adjustment, Portrait Mode, Digital Link, 20 000:1

Key Features

- Laser 3-chip DLP, 12000 lumens, WUXGA
- 120Hz high frame rate for superb and sharp motion pictures
- Lamp-free laser projection and dust resistant liquid cooling system with 20000 hours of free maintenance
- 20,000:1 contrast ratio

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https://ap.connect.panasonic.com/my/en/products/projectors-and-displays/pt-rz12k

Projector type	3-Chip DLP™projector
Display method	DLP™ chip x 3, DLP™ projection system
Display Device -> Panel size	PT-RZ12K : 24.4 mm (0.96″) diagonal (16:10 aspect ratio)PT-RS11K : 24.1 mm (0.95″) diagonal (4:3 aspect ratio)
Display Device -> Number of pixels	PT-RZ12K : 2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixelsPT-RS11K : 1,470,000 (1400 x 1050) x 3, total of 4,410,000 pixels
Light source	Laser diode (Class 1)
Light output *1 *2 *3	12,000 lm
Time until light output declines to 50 % -> NORMAL *6	20,000 hours [NORMAL]
Time until light output declines to 50 % -> ECO *6	24,000 hours [ECO]
Time until light output declines to 50 % -> QUIET *6	20,000 hours [QUIET]
Resolution	PT-RZ12K : 1920 x 1200 pixelsPT-RS11K : 1400 x 1050 pixels
Contrast Ratio (typ.) *3	20,000:1 (Full On/Full Off, Dynamic Contrast Mode: 3)
Screen size (diagonal)	1.78–25.4 m (70–1,000″), 1.78–15.24 m (70–600″)with the ET-D75LE8, 3.05-15.24 m (120–600″)with the ET-D75LE90, 16:10 aspect ratio1.78–25.4 m (70–1,000″), 1.78–15.24 m (70–600″)with the ET-D75LE8, 3.05–15.24 m (120–600″)with the ET-D75LE90, 4:3 aspect ratio
Refresh rate	120 Hz*3
Lens	Optional powered zoom and fixed-focus lenses
Lens shift -> Vertical(from center of screen)	±55 % (±44 % with the ET-D75LE6, +73 – +78 % with the ET-D75LE90) (powered)±50 % (±40 % with the ET-D75LE6, +71 % with the ET-D75LE90) (powered)
Lens shift -> Horizontal(from center of screen)	±20 % (±15 % with the ET-D75LE6, ±6 % with the ET-D75LE90) (powered)±30 % (±20 % with the ET-D75LE6) (powered)*8
Keystone correction range	Vertical: ±40° (±22° with ET-D75LE50, ±28° with ET-D75LE6, +5° with ET-D75LE90), horizontal: ±15° (0° with ET-D75LE90)
Keystone correction range with optionalET-UK20 Upgrade Kit	Vertical: ±45° (±40° with ET-D75LE10/ET-D75LE20, ±22° with ET-D75LE50, ±28° with ET-D75LE6, +5° with ET-D75LE90), horizontal: ±40° (±15° with ET-D75LE50/ET-D75LE6, 0° with ET-D75LE90)
Installation	Ceiling/floor, front /rear, free 360-degree installation
Power supply	100–240 V AC, 50/60 Hz
Maximum power consumption *7 *8 *9	1,200 W (1,280 VA) Average power consumption: 800 W (Normal Mode), 680 W (Eco Mode), 620 W (Long Life 1 Mode), 590 W (Long Life 2 Mode), 550 W (Long Life 3 Mode)
Standby power consumption -> Normal	4 W [NORMAL]
Standby power consumption -> ECO	0.3 W [ECO]*2
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *3	43 dB [NORMAL]
Dimensions (W x H x D)	578 x 270 x 725 mm (22 3/4″ x 10 5/8″ x 28 17/32″) (optional lens, legs and lens cover not included), 578 x 323.5 x 740 mm (22 3/4″ x 12 23/32″ x 29 1/8″)(Including legs at shortest position and protruding parts)
Dimensions (W x H x D) -> Width (not including protruding parts)	578 mm (22 3/4″)
Dimensions -> Width (including protruding parts)	578 mm (22 3/4″)
Dimensions -> Height (not including protruding parts)	270 mm (10 5/8″)
Dimensions -> Height (including protruding parts)	323.5 mm (12 23/32″)
Dimensions -> Depth (not including protruding parts)	725 mm (28 17/32″)
Dimensions -> Depth (including lens)	740 mm (29 1/8″)
Weight *10	Approx. 44.0 kg (97 lbs) (optional lens not included)
Operating environment -> Operating temperature *11	0–50 °C (32–122 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit and ET-CUK10 Auto Screen Adjustment Kit)
Body Colour	Black
Gross Dimensions (W x H x D in mm)	RZ12KU/RZ12KUY/RZ12KEJ: 824 x 964 x 399 mm RZ12KE: 810 x 950 x 418 mm

Gross Weight (Kg)	RZ12KU/RZ12KUY: 53.4 kg (117.7 lbs) RZ12KE: 51.9 kg (114.4 lbs) RZ12KEJ: 54.0 kg (119.1 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	RZ12KE: 5025232829439 RZ12KEJ: 5025232829446
Footnote Description	1. Operating temperature: 25 °C (77 °F), altitude: 700 m (22 ft 12 in), ICE627087: 2008 Broadcast Content, Image Mode: Dynamic, Dynamic Contrast Mode: 3. 2. When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. Additionally, only certain commands can be received for external control using the serial terminal. 3. Refresh rate varies depending on scanning frequency. 4. At this time the brightness will have decreased to approximately half of its original level. Operating Temperature: 35 °C (95 °F), Altitude 700 m (22 ft 12 in), Dust: 0.15 mg/m3. 5. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. 6. Input signals that exceed the native resolution will be converted to the native resolution. 7. Optical axis shift function cannot be operated when used with the ET-D75LE50. 8. Range varies depending on mounted lens. 9. Average value. May differ depending on the actual unit. 10. When operational mode is set to Normal, operating temperature is from 0 °C (32 °F) to 50 °C (122 °F), and operating temperature is from 0 °C (32 °F) to 45 °C, (113 °F) when used in locations from 1,400 m to 4,200 m (4,593 ft to 13,780 ft) above sea level. When operational mode is set to Eco or Long Life 1/2/3, operating temperature is from 0 °C (32 °F) to 45 °C (113 °F). When used with Smoke Cut Filter, operating temperature is from 0 °C (32 °F) to 40 °C (104 °F). Projector cannot be used in locations over 2,700 m (8,858 ft) with operational mode set to Eco or Long Life 1/2/3. When used with Smoke Cut Filter, the projector cannot be used in locations over 1,400 m (4,593 ft). Light source brightness may decrease depending on operating temperature. When projector is operating at high temperature, brightness will decrease correspondingly.