



Die PT-RZ690-Serie liefert die Helligkeit, Auflösung und Farben, um Ausstellungsstücke mit leuchtstarken, eindrucksvollen und lebendigen Bildern noch besser zur Geltung zu bringen

PT-RZ690

Erschaffen Sie in jeder Umgebung fesselnde Bilderlebnisse mit lebendigen, präzisen Farben, getragen von 10.000 lm*1 Helligkeit dank Quartet Colour Harmonizer- und 1-Chip-DLP™-Bildtechnologie. Die Projektoren unterstützen einen 4K/60p-Signaleingang, bieten separate DIGITAL LINK- und LAN-Anschlüsse und diverse Objektivoptionen. Sie ermöglichen dadurch eine einfache Installation mit komfortabler Flexibilität und sind dank ihrer marktführenden staubdichten optischen Lasereinheit auf eine wartungsfreie Laufzeit von 20.000 Stunden bei konstanter Helligkeit und gleichmäßiger Farbwiedergabe ausgelegt.

Key Features

1-Chip-DLP-Laser, 6,200 lm (Mitte)/6,000 lm (ANSI), WUXGA

Quartet Colour Harmonizer-Technologie für präzisere Farbwiedergabe

Bis zu 20.000 Stunden wartungsfreier Betrieb dank staubfestem Optikkblock und haltbarem Lasersystem

Unterstützt 4K/60p-Signaleingang, separate DIGITAL LINK- und LAN-Anschlüsse





PT-RZ690

<https://eu.connect.panasonic.com/de/products/projectors/pt-rz690>

Projector type	1-Chip DLP™ projector
DLP™ Chip Panel Size	17.0 mm (0.67 in) diagonal (Panel size 16:10 aspect ratio)
DLP™ Chip Display Method	DLP™ chip x 1, DLP™ projection system
DLP™ chip Number of Pixels	2,304,000 (1920 x 1200 pixels)
Light Source	Laser diodes
Light output	6,000 lm (Normal)*1 / 6,200 lm (Center)*2 / 4,800 lm (Eco)*1 / 2,400 lm (Long Life 1)*1 / 2,000 lm (Long Life 2)*1 / 1,600 lm (Long Life 3)*1
Time until light output declines to 50 %*3	20,000 hours (Normal)/24,000 hours (Eco)
Auflösung	1920 x 1200 pixels
Contrast Ratio*1	10,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size [diagonal]	1.27–15.24 m (50–600 in), 1.27–5.08 m (50–200 in) with ET-DLE055, 2.54–8.89 m (100–350 in) with ET-DLE035, 2.54–10.16 m (100–400 in) with ET-DLE020, 16:10 aspect ratio
Center-to-corner zone ratio*1	90 %
Lens	With supplied lens: Powered zoom (throw ratio 1.71–2.41:1), powered focus F 1.7–1.9, f 25.6–35.7 mm Without lens: Optional powered zoom/focus lenses
Lens shift*4 Vertical(From the origin point of the lens mounter)	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
Lens shift*4 Horizontal(From the origin point of the lens mounter)	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)
Keystone Correction Range	Vertical: ±40 ° (±5 ° with ET-DLE020, ±16 ° with ET-DLE060, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055, +5 ° with ET-DLE035), Horizontal: ±15 ° (±10 ° with ET-DLE060) (cannot be operated with ET-DLE035/ET-DLE020)
Keystone correction range with optional ET-UK20 Upgrade Kit	Vertical: ±45 ° (±16 ° with ET-DLE060, ±40 ° with ET-DLE150/ET-DLE250/ET-DLE170, ±22 ° with ET-DLE105/ET-DLE085/ET-DLE055), Horizontal: ±40 ° (±10 ° with ET-DLE060, ±15 ° with ET-DLE105/ET-DLE085/ET-DLE055) When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of 55 °.
Terminals SDI In	BNC x 1: 3G/HD/SD-SDI input
Terminals HDMI In	HDMI 19-pin x 1 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*5)
Terminals DVI-D In	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
Terminals RGB 1 In	RGB x 1 (BNC x 5): RGB/YBPBR/YCBCR
Terminals RGB 2 In	D-sub HD 15-pin (female) x 1: RGB/YBPBR/YCBCR
Terminals Serial/Multi Projector Sync In	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals Serial/Multi Projector Sync Out	D-sub 9-pin (male) x 1 for link control
Terminals REMOTE 1 IN	M3 x 1 for wired remote control
Terminals REMOTE 1 OUT	M3 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 DIGITAL LINK	RJ-45 x 1 for network and DIGITAL LINK connections (HDBase™ compliant), PjLink™ (Class 2) compatible, 100Base-TX, Art-Net compatible, HDCP 2.2 compatible, Deep Color compatible, 4K/60p signal input*5
Terminals LAN	RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Power Supply	AC 100–240 V, 50/60 Hz
Power Consumption	490 W (Normal)/395 W (Eco)/ 200 W (Long Life 1)/180 W (Long Life 2)/ 160 W (Long Life 3)
Operation noise*1	35 dB (Normal)
Abmessung (B x H x T)	With supplied lens: 498 x 200*6 x 581 mm (19 19/32" x 7 7/8" *6 x 22 7/8") Without lens: 498 x 200*6 x 538 mm (19 19/32" x 7 7/8" *6 x 21 3/16")
Weight*7	With supplied lens: Approx. 22.1 kg (48.7 lbs) Without lens: Approx. 21.3 kg (47.0 lbs)
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*8 , operating humidity: 10–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro (ET-UK20 Upgrade Kit, ET-CUK10 Auto Screen Adjustment Kit), Smart Projector Control for iOS/Android™
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped. *2 Average light-output value of all shipped products measured at center of screen in NORMAL Mode. *3 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMAL Mode, Dynamic Contrast [ON], 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 declines to 50 % varies depending on environment. *4 Lens shift is not supported on the ET-DLE055, and the optical axis is fixed with the ET-DLE035. *5 4K signals are converted to the projector's resolution (1920 x 1200 pixels) upon projection. Supported terminals: DIGITAL LINK/HDMI ®.*6 Excluding legs. *7 Average value. May differ depending on the actual unit.

