

# Kompakt ve Esnek 1-Chip DLPTM Projektörler

PT-RZ990

PT-RZ990 Serisi, sergilenecek ürünleri parlak, koyu ve canlı renklerle güzelleştirmesi gereken tasarımcılara parlaklık, çözünürlük ve renk sunar



## KEY FEATURES

- Lazerli 1-chip DLP, 10.000 lm (Merkez)/ 9.400 lm (ANSI), WUXGA
- Daha hassas renk üretimi sunan Quartet Colour Harmonizer teknolojisi
- Toza karşı dayanıklı optik blok ve uzun ömürlü lazer motoru ile 20.000 saate kadar bakım gerektirmez
- 4K/60p sinyal girişini, bağımsız DIGITAL LINK ve LAN terminallerini destekler

\*1 Tüm ölçümler, ölçüm koşulları ve notasyon yöntemi ISO/IEC 21118: 2020 uluslararası standartlarına uygundur. Değer, tüm ürünlerin gönderildiği andaki ortalamasıdır.

**Kompakt ve Esnek 1-Chip DLP™ Projektörler, Fuar Alanlarında Seçkin Renk Performansı Sunuyor**



## SPECIFICATIONS

<b>Dimensions (W x H x D)</b>	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")
<b>Power Consumption</b>	735 W (Normal)/575 W (Eco)/490 W (Quiet 1)/365 W (Quiet 2)/265 W (Long Life 1)/235 W (Long Life 2)/205 W (Long Life 3)
<b>Lens</b>	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
<b>Resolution</b>	1920 x 1200 pixels
<b>Operating Environment</b>	Operating temperature: 0–45 °C (32–113 °F)*8 , operating humidity: 10–80 % (no condensation)
<b>Keystone Correction Range</b>	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)
<b>Applicable Software</b>	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™
<b>Contrast Ratio*1</b>	10,000:1 (Full On/Full Off, Dynamic Contrast [3])
<b>Power Supply</b>	AC 100–240 V, 50/60 Hz
<b>Light Source</b>	Laser diodes
<b>Terminals   DVI-D In</b>	DVI-D 24-pin x 1 (DVI 1.0 compliant, compatible with HDCP, compatible with single link only)
<b>Terminals   LAN</b>	RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
<b>DLP™ Chip   Panel Size</b>	17.0 mm (0.67 in) diagonal ( Panel size 16:10 aspect ratio)
<b>DLP™ Chip   Display Method</b>	DLP™ chip x 1, DLP™ projection system
<b>Terminals   SDI In</b>	BNC x 1: 3G/HD/SD-SDI input
<b>Terminals   HDMI In</b>	HDMI 19-pin x 1 (Compatible with HDCP 2.2, Deep Color, 4K/60p signal input*5)
<b>Terminals   DIGITAL LINK</b>	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
<b>Terminals   Remote 2 In</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Light output</b>	9,400 lm (Normal)*1 / 10,000 lm (Center)*2 / 7,500 lm (Eco)*1 / 8,000 lm (Quiet 1)*1 / 6,000 lm (Quiet 2)*1 / 3,700 lm (Long Life 1)*1 / 3,100 lm (Long Life 2)*1 / 2,500 lm (Long Life 3)*1
<b>Terminals   REMOTE 1 IN</b>	M3 x 1 for wired remote control
<b>Terminals   REMOTE 1 OUT</b>	M3 x 1 for link control (for wired remote control)
<b>Operation noise*1</b>	40 dB (Normal) / 36 dB (Quiet 1) / 35 dB (Quiet 2)
<b>Projector type</b>	1-Chip DLP™ projector
<b>DLP™ chip   Number of Pixels</b>	2,304,000 (1920 x 1200 pixels)
<b>Screen size [diagonal]</b>	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
<b>Center-to-corner zone ratio*1</b>	90 %
<b>Time until light output declines to 50 %*3</b>	20,000 hours (Normal/Quiet 1/Quiet 2)/24,000 hours (Eco)
<b>Weight*7</b>	With supplied lens: Approx. 23.0 kg (50.7 lbs) Without lens: Approx. 22.2 kg (48.9 lbs)
<b>Lens shift*4   Vertical(From the origin point of the lens mounter)</b>	+50 %, -16 % (+40 %, -16 % with ET-DLE060) (powered)
<b>Lens shift*4   Horizontal(From the origin point of the lens mounter)</b>	+30 %, -10 % (+10 %, -20 % with ET-DLE020, +19 %, -10 % with ET-DLE060, +28 %, -10 % with ET-DLE105/ET-DLE085) (powered)
<b>Note</b>	*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.
<b>Terminals   Serial/Multi Projector Sync In</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals   Serial/Multi Projector Sync Out</b>	D-sub 9-pin (male) x 1 for link control
<b>Keystone correction range with optional ET-UK20 Upgrade Kit</b>	Vertical: $\pm 45^\circ$ ( $\pm 16^\circ$ with ET-DLE060, $\pm 40^\circ$ with ET-DLE150/ET-DLE250/ET-DLE170, $\pm 22^\circ$ with ET-DLE105/ET-DLE085/ET-DLE055), Horizontal: $\pm 40^\circ$ ( $\pm 10^\circ$ with ET-DLE060, $\pm 15^\circ$ with ET-DLE105/ET-DLE085/ET-DLE055) When [VERTICAL KEYSTONE] and [HORIZONTAL KEYSTONE] are used simultaneously, correction cannot be made exceeding a total of $55^\circ$ .
<b>Terminals   RGB 1 In</b>	RGB x 1 (BNC x 5): RGB/YBPBR/YCBCR
<b>Terminals   RGB 2 In</b>	D-sub HD 15-pin (female) x 1: RGB/YBPBR/YCBCR

URL: <https://business.panasonic.com.tr/visual-system/pt-rz990>

## CONTACT

Web: <https://business.panasonic.com.tr/visual-system/contact-us>