Panasonic
BUSINESS

PT-LRZ35 Series

1-Chip DLP™ Projectors

PT-**LRZ35**
PT-**LRW35**

Revolutionary RGB LED Projectors Create Vibrant High-Color Images for Teams in Collaborative Spaces

Main Features

DLP TEXAS INSTRUMENTS
RGB LED
FRONT & SIDE ROTATION 360°
24/7 Operation
3D PROFESSIONAL

01 Brilliantly Vivid Images Resist Color Breakup

RGB LED light engine employs discrete LEDs for each color channel to prevent feasible breakup and widen the gamut for deep, dynamic color reproduction. High-visibility images are also free from the rainbow effect.

02 Flexible Installation and Connectivity for Teams

Handy 1.3 x zoom lens with Vertical Lens-Shift (up to +52 %, +42 %)*1 supports flexible projector placement. Dual CEC-ready HDMI® inputs and USB-DC outlet to power streaming devices*2 keep you connected.

03 Stress-free Reliability and Lasting Picture Quality

Wheel-less design paves the way for improved hermetic sealing, with the dust-resistant DMD block enabling implementation of filterless cooling for high image quality and very low maintenance over 20,000 hours*3 of operation.

PT-LRZ35 Series

	PT-LRZ35	PT-LRW35
Light Output	3,500 lm*4	
Resolution	WUXGA	WXGA

*1 PT-LRZ35: (+50 %, +40 %), PT-LRW35: (+52 %, +42 %). *2 Streaming device sold separately. Panasonic cannot guarantee compatibility with third-party devices. *3 At about 20,000 hours, Panasonic recommends cleaning or checkup at point of purchase. Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light-source may be required in a shorter period. At 20,000 hours, brightness will have decreased to approximately 50 % of its original level. *4 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.

Brilliant Color Performance in Small Spaces

Discrete LEDs for each R/G/B channel reproduce an expanded color gamut with deep, uniform saturation. Viewers sensitive to the rainbow effect can now enjoy a high-resolution DLP™ experience without distraction as the wheel-less design suppresses the phenomenon. Unleash dynamic, color-rich images to match the boldness of your vision.

Convenient CEC-Compliant HDMI® Inputs and USB-DC Outlet

HDMI-CEC terminals enable one-touch projector start-up and playback from standby via the CEC-compatible component. USB-DC outlet can power a media streaming device, allowing members of your group to beam content wirelessly from their mobile devices*1.

High Performance, Low Maintenance, Long Life

Wheel-less design with discrete LED heat-sinks boosts cooling efficiency while improvements to the hermetic DMD-block sealing structure resist dust intrusion and eliminate need of an air filter, reducing maintenance and preserving image quality over 20,000 hours*2 of stress-free operation.

Swift Setup with 1.3x Zoom Lens and Easy Image Adjustment

A 1.3x zoom lens, vertical lens-shift function (up to +52 %, +42 %)*3 and vertical keystone correction (±30 °) bring more freedom and less image distortion for desktop projection setups while 2-axis 360 ° installation expands creative signage possibilities.

Other Features

- **Low-noise operation** of just 24 dB*4 in Quiet Mode
- **Quick On/Quick Off** for instant image display and no projector cooldown
- **Built-in 10 W speaker**, mic input, and variable audio output
- Supports **Closed Captions (CC)** for broadcast content
- **Multi-Monitoring & Control Software** with optional Early Warning Functions*5
- Supports **Crestron Connected™**, **AMX**, and **PJ Link™** control solutions
- **3D-ready with DLP® Link™*6** technology (requires compatible glasses)

**1 Requires a compatible network streaming device. Panasonic cannot guarantee compatibility with third-party devices. *2 At about 20,000 hours, Panasonic recommends cleaning or checkup at point of purchase. Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light-source may be required in a shorter period. At 20,000 hours, brightness will have decreased to approximately 50 % of its original level. *3 PT-LRZ35: (+50 %, +40 %), PT-LRW35: (+52 %, +42 %). *4 35 dB in NORMAL Mode. *5 90-day free trial of Early Warning Functions is enabled upon installation of free Multi Monitoring & Control Software Ver. 2.0 or later. Purchase a license and activate at PASS when trial period expires to continue using Early Warning functions. Visit panasonic.net/cns/projector/products/mmcs/ for more details. *6 DLP® Link™ technology synchronizes 3D video playback with supported glasses (sold separately) and also requires compatible 3D video content. The function is activated/disabled via the projector OSD menu.*

Specifications

Model		PT-LRZ35	PT-LRW35
Projector type		1-Chip DLP™ projector	
DLP™ chip	Panel size	17.0 mm (0.67 in) diagonal, 16:10 aspect ratio	16.5 mm (0.65 in) diagonal, 16:10 aspect ratio
	Display method	DLP™ chip x 1, DLP™ projection system	
	Number of pixels	2,304,000 (1920 x 1200 pixels)	1,024,000 (1280 x 800 pixels)
Light source		Light Emitting Diode	
Light output*1		3,500 lm	
Time until light output declines to 50 %*2		20,000 hours	
Resolution		1920 x 1200 pixels	1280 x 800 pixels
Contrast ratio*1		30,000:1 (When [Light Power] is set to [Normal] and [Picture Mode] is set to [Dynamic])	
Screen size [diagonal]		1.02–7.62 m (40–300 in), 16:10 aspect ratio	
Center-to-corner zone ratio*1		90 %	
Lens		1.3x manual zoom (throw ratio: 1.28–1.69:1)	1.3x manual zoom (throw ratio: 1.35–1.77:1)
Lens shift (From the origin point of the lens mounter)		Vertical: +50 %, +40 %	Vertical: +52 %, +42 %
Keystone correction range		Vertical: ±30 °	
Installation		Ceiling/floor, front/rear, 2-axis 360-degree installation	
Terminals	HDMI IN 1/HDMI IN 2	HDMI 19-pin x 2 (HDCP and Deep Color compatible), CEC supported	
	COMPUTER 1 IN	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)	
	COMPUTER 2 IN	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)	
	COMPUTER OUT	D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)	
	VIDEO IN	Pin jack x 1	
	AUDIO 1 IN/AUDIO 2 IN	M3 stereo mini-jack x 2	
	VARIABLE AUDIO OUT	M3 stereo mini-jack x 1	
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
	LAN	RJ-45 x 1 for network control, 10Base-T, 100Base-T, compatible with PJ Link™ (Class 1)	
	Micro USB	1 (for service use)	
	DC OUT	USB Connector (Type A) x 1 (for power supply, DC 5 V/2 A)	
Power supply		AC 100–240 V, 50/60 Hz	
Power consumption		NORMAL: 420 W, ECO: 255 W, QUIET: 196 W	
Built-in speaker		10 W monaural	
Operation noise*1		NORMAL: 35 dB, ECO: 27 dB, QUIET: 24 dB	
Dimensions (W x H x D)		375 x 124*3 x 314 mm (14 3/4″ x 4 7/8″*3 x 12 3/8″) (including protruding parts)	
Weight*4		Approx. 6.7 kg (14.8 lbs)	
Operating environment		Operating temperature: 0–40 °C (32–104 °F)*5, operating humidity: 20–80 % (no condensation)	
Applicable software		Multi Monitoring & Control Software, Early Warning Software	

**1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, under conditions with 30 °C (86 °F), 1,400 m above sea level, and 0.15mg/m³ of particulate matter. Estimated time until light output declines to 50 % varies depending on environment. *3 With legs at shortest position. *4 Average value. May differ depending on the actual unit. *5 Note that the projector cannot be used at altitudes exceeding 4,200 m (13,780 ft) above sea level. 4,200 m (13,780 ft) above sea level is the maximum elevation at which performance can be guaranteed. In the following operating environments, light output may be reduced to protect the projector: when the projector is used at altitudes below 1,400 m (4,593 ft) and ambient temperature exceeds 40 °C (104 °F); when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature exceeds 35 °C (95 °F); and when the projector is used at altitudes between 2,700 m (8,858 ft) and 4,200 m (13,780 ft) exclusive and ambient temperature exceeds 30 °C (86 °F).*

Optional Accessories

- **Ceiling Mount Bracket**
  ET-PKL100H* (for high ceiling)/ET-PKL100S* (for low ceiling)
  ** ET-PKL100H/ET-PKL100S is used in combination with the ET-PKV400B (sold separately).*
- **Attachment for Ceiling Mount Bracket**
  ET-PKV400B
- **Early Warning Software**
  ET-SWA100 Series
  Note: Part number suffix may differ depending on the license type.
  ** Multi Monitoring & Control Software Ver. 2.0 or later is required. Please download from the following website: https://panasonic.net/cns/projector/download/application/*

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