Panasonic

MEVIX

1-Chip DLP™ Projectors

PT-REZ15 Series

Note: Product availability may vary by country or region.

15000lm의 밝기로

혁신적인 비쥬얼 경험을 제공하는

차세대 1-Chip DLP™ 프로젝터

Black Models

White Models
(PT-REZ12/REZ10/REZ80 only)

Main Features

01 | High-Contrast 영상으로 몰입감을 강화

독자적인 영상 장면 분석 기술로 25,000:1의 다이나믹 콘트라스트를 구현하였으며, 'Rich Color Enhancer' 기술을 통해 더욱 생생하고, 아름다운 색감의 표현이 가능합니다. 또한 블랙 레벨 보정을 통해 곡면 화면에서도 매끄러운 블렌딩 구현이 가능하고 Gradation Smoother 등 사용에 편리한 다양한 기능도 지원합니다. 아트테인먼트부터 360° 프로젝션 매핑 및 인터랙티브까지, REZ시리즈만의 컴팩트한 바디와 조용한 작업 환경으로 엔터테인먼트 작업에 최적화된 경험을 제공해 드립니다.

02 | 컴팩트한 설계로 복잡한 작업을 단순화

REZ15 시리즈는 복잡한 작업 흐름을 간소화하여 작업 효율을 높일 수 있도록 컴팩트한 디자인으로 설계되었습니다. AC 100-240 V[5]의 최대 밝기와 0.308 :1의 투사율을 갖춘 새로운 전동 렌즈를 지원합니다. 파나소닉 혹은 서드 파티 옵션 보드는 Intel® SDM 표준 호환 SLOT과 호환되어 사용자가 원하는 다양한 접속 방법에 대응하거나 AVoIP의 지원을 가능하게 합니다. 또한 옵션품인 ET-FMP50 시리즈(미디어 프로세서)를 통해 멀티 프로젝션의 작업과 레이아웃을 보다 단순화할 수 있습니다. 또한 NFC 기능 및 카메라를 통한 자동 화면 조정과 같은 기능은 업무 효율성을 더욱 향상시킵니다.

03 | 장기간 사용을 위한 최고의 신뢰성

IP5X 방진(IEC 60529) 표준[10]을 준수하는 광학 엔진 및 광원 모듈을 포함한 방진 구조는 리퀴드 쿨링 시스템과 결합되어 20,000시간[11] 유지 관리가 필요 없는 작동을 보장합니다. 입력 이중화는 기본 신호에 장애가 발생하는 경우 백업 신호[12]로 원활하게 전환되어 작업의 중단을 최소화합니다. 멀티 레이저 드라이브 엔진은 다이오드 고장 시 밝기 손실을 줄여 제품 신뢰성을 향상시키고, Remote Preview LITE 기능은 PC에서 영상 입력 미리보기를 지원하므로, 투사 시 발생할 수 있는 오류를 줄여드립니다.

PT-REZ15 Series				
	PT-REZ15/L	PT-REZ12/L	PT-REZ10/L	PT-REZ80/L
Light Output	15,000 lm[1]/15,000 lm (ANSI)[11]/ 15,500 lm (Center)[12]	12,000 lm[1]/12,000 lm (ANSI)[11]/ 12,400 lm (Center)[12]	10,000 lm[1]/10,000 lm (ANSI)[11]/ 10,300 lm (Center)[12]	8,000 lm[1]/8,000 lm (ANSI)[11]/ 8,200 lm (Center)[12]
Resolution	WUXGA (1920 x 1200 pixels)			

Note: ET-C1S600 is equivalent to the supplied lens (availability may vary by country or region). Models with an "L" designation ship without a lens.

DLP TEXAS INSTRUMENTS · SOLID SHINE LASER · 4K DIGITAL LINK[13,14] · ACCEPTS 4K SIGNAL[14] · intel smart display module ready · 360° · 24/7 Operation · Geo.Pro

1 Measurement, measuring conditions, and notation methods comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 2 Maximum light output may decrease in the following situations: when a function board is installed in the slot, when voltage drops below AC 100 V, when the light source has deteriorated from use, or when dust has accumulated on the optical parts. 3 Full On/Full Off with Dynamic Contrast set to [3]. Measurement, measuring conditions, and notation method comply with ISO/IEC 21118: 2020 international standards. 4 Optional proprietary and third-party function boards are sold separately. Panasonic Projector & Display Corporation cannot guarantee the operation of third-party devices. 5 ET-FMP50/FMP20 (box type) and ET-SBFMP10 (function board type) media processors are sold separately. 6 Compatible cameras (sold separately) comprise NIKON® D5200/D5300/D5500/D5600/D7500/Z50 and the IDS GV-5890CP-C-HQ. See the global projector website for details on compatible cameras. 7 Projectors sold in some countries or regions require an ET-NUK10 Upgrade Kit from PASS to activate the NFC function. See the NFC Regional Compatibility List for details. 8 The Dust Protected performance of this unit is not guaranteed to be free from damage or failure under all conditions (environment with conductive dust, etc.). Please use an enclosure in environments with smoke containing oil, salt, and moisture. 9 Around this time, the light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, NORMAL Mode, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700m (2,297 ft) with 0.15 mg/m³ of airborne particulate matter. Panasonic Projector & Display Corporation recommends a checkup at the point of purchase after about 20,000 hours. Light-source lifetime may be reduced depending on the environmental conditions. Replacement of parts other than the light source may be required in a shorter period. Estimated maintenance time varies depending on the environment. 10 Primary and backup terminal assignments are fixed. The input signals to primary and backup inputs must be identical. 11 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 12 Average light output value of all shipped products measured at the center of the screen in NORMAL Mode. 13 Only when the optional TY-SB01DL DIGITAL LINK Terminal Board is loaded. 14 Input signals are converted to the projector's display resolution (1920 x 1200 pixels) upon playback. YPBPR 4:2:0 format only for 4K/60p and 4K/50p signals input via DIGITAL LINK.

기타 기능

- Art-Net DMX, PJLink™, Crestron Connected®V2, Crestron® XiO Cloud 및 Extron XTP® 지원
- 테스트 패턴, 스타트업 로고, 화면 보호기용 사용자 이미지[1] (BMP/PNG/JPEG) 등록
- IPv6[2] 네트워크 프로토콜 지원
- LAN 또는 USB[3]를 통한 데이터 복제 기능
- 전원 공급용 USB 포트 1개, 옵션 AJ-WM50 시리즈 무선 모듈 및 데이터 전송용 USB 포트 1개
- 새로운 화면 마커 기능 및 새로운 웹 컨트롤 UI (REQ150에만 해당)
- DICOM 시뮬레이션 모드
- 파형 모니터 기능

Learn More

For more information, please scan the QR code to access the PT-REZ15 Series product webpage at our global projector website.

1 This feature replaces Logo Transfer Software on the REZ15 only. All models support PNG and BMP formats up to 1920 x 1200 pixels. REZ15 also supports JPEG format at the same resolution. 2 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 3 Data-cloning is supported among models in the same series with the same resolution. Excludes passwords, projector ID, and network settings.

Specifications

Model		PT-REZ15/L	PT-REZ12/L	PT-REZ10/L	PT-REZ80/L
Projector type		1-Chip DLP™ projectors			
DLP™ chip	Panel size	0.8 in diagonal (16:10 aspect ratio)			
	Number of pixels	2,304,000 (1920 x 1200 pixels)			
Light source		Laser diode			
Light output[1, 2]		15,000 lm[3] / 15,000 lm (ANSI)[4] / 15,500 lm (Center)[5]	12,000 lm[3] / 12,000 lm (ANSI)[4] / 12,400 lm (Center)[5]	10,000 lm[3] / 10,000 lm (ANSI)[4] / 10,300 lm (Center)[5]	8,000 lm[3] / 8,000 lm (ANSI)[4] / 8,200 lm (Center)[5]
Time until light output declines to 50 %[6]		20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)			
Resolution		WUXGA (1920 x 1200 pixels)			
Contrast ratio[3]		25,000:1 (Full On/Full Off, Dynamic Contrast [3])			
Screen size (diagonal)		70–1000 inches (with ET-C1S600)			
Center-to-corner zone ratio[3]		90 %			
Lens		PT-REZ15/REZ12/REZ10/REZ80: Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus; PT-REZ15L/REZ12L/REZ10L/REZ80L: Optional powered zoom/focus lenses			
Lens shift (From the origin point of the lens mounter)	Vertical	±60 % (with ET-C1W400/W500/S600/T700/T800), ±50 % (with ET-C1W300/U100), +78–88 % (with ET-C1U200)			
	Horizontal	±29 % (with ET-C1W400/W500/S600/T700/T800), ±23 % (with ET-C1W300/U100), ±9 % (with ET-C1U200)			
Keystone correction range		Vertical: ±40 ° (±5 ° with ET-C1U100/ET-C1U200; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500) Horizontal: ±40 ° (±3 ° with ET-C1U100; ±5 ° with ET-C1W300; ±10 ° with ET-C1W400; ±15 ° with ET-C1W500, cannot be used with ET-C1U200)			
Terminals	HDMI™ 1/2 IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[7])			
	DisplayPort™	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input[7])			
	MULTI SYNC IN	BNC x 1			
	MULTI SYNC OUT	BNC x 1			
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)			
	SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)			
	REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control			
	REMOTE 1 OUT	M3 stereo mini-jack x 1 for link control (for wired remote control)			
	REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (parallel)			
	LAN	RJ-45 x 1 for network connection, PJLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible			
	USB	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory			
	DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)			
	Expansion slot	Open slot for function boards, Intel® SDM standard-compatible			
Protocol versions		IPv4, IPv6[8]			
Power supply		Single-phase AC 100–240 V, 50/60 Hz			
Maximum power consumption[9, 10]		1,090 W (11.5–4.7 A) (1,100 VA) (Power consumption is 1,040 W at AC 200–240 V)	995 W (10.4–4.3 A) (1,005 VA) (Power consumption is 950 W at AC 200–240 V)	840 W (8.8–3.7 A) (850 VA) (Power consumption is 810 W at AC 200–240 V)	730 W (7.7–3.2 A) (740 VA) (Power consumption is 700 W at AC 200–240 V)
On-mode power consumption (Operating mode)[7]	NORMAL	945 W (AC 100–120 V) 900 W (AC 200–240 V)	850 W (AC 100–120 V) 810 W (AC 200–240 V)	700 W (AC 100–120 V) 675 W (AC 200–240 V)	570 W (AC 100–120 V) 540 W (AC 200–240 V)
	ECO	730 W (AC 100–120 V) 700 W (AC 200–240 V)	650 W (AC 100–120 V) 625 W (AC 200–240 V)	540 W (AC 100–120 V) 525 W (AC 200–240 V)	440 W (AC 100–120 V) 425 W (AC 200–240 V)
	QUIET	725 W (AC 100–120 V) 695 W (AC 200–240 V)	640 W (AC 100–120 V) 615 W (AC 200–240 V)	530 W (AC 100–120 V) 515 W (AC 200–240 V)	435 W (AC 100–120 V) 420 W (AC 200–240 V)
Operation noise[1]		42 dB (NORMAL/ECO), 38 dB (QUIET)	38 dB (NORMAL/ECO), 35 dB (QUIET)	36 dB (NORMAL/ECO), 33 dB (QUIET)	35 dB (NORMAL/ECO), 32 dB (QUIET)
Dimensions (W x H x D)		PT-REZ15/REZ12/REZ10/REZ80: 498 x 212 x 648 mm (19 $^{19}/_{32}$" x 8 $^{11}/_{32}$" x 25 $^{1}/_{2}$") (With feet at shortest position) PT-REZ15L/REZ12L/REZ10L/REZ80L: 498 x 212 x 538 mm (19 $^{19}/_{32}$" x 8 $^{11}/_{32}$" x 21 $^{3}/_{16}$") (With feet at shortest position)			
Weight[11]		PT-REZ15/REZ12/REZ10/REZ80: Approx. 28.7 kg (63.27 lbs) (with supplied lens), PT-REZ15L/REZ12L/REZ10L/REZ80L: Approx. 27.0 kg (59.52 lbs) (without lens)			
Operating environment		Operating temperature: 0–45 °C (32–113 °F)[12], operating humidity: 10–80 % (no condensation)			
Applicable software		Logo Transfer Software[13], Multi Monitoring & Control Software, Projector Network Setup Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™			
Control function via LAN		Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)			

1 This is the value when the Zoom Lens (Model No.: ET-C1S600) is used. The value varies depending on the lens. 2 When [OPERATING MODE] is set to [NORMAL]. 3 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 4 Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 5 Average light-output value of all shipped products measured at the center of the screen. 6 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast Contents, Dynamic Contrast [3], temperature 35 °C (95 °F), elevation 700 m (2,297 ft) with 0.15 mg/m³ of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment. 7 4K signals are converted to WUXGA (1920 x 1200 pixels). 8 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 9 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). 10 This value has included a maximum power consumption of 80 W when using a function board. 11 Average value. May differ depending on the actual unit. 12 When the optional AJ-WM50 Series wireless module is attached, the operating temperature range becomes 0–40 °C (32–104 °F). The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) if the projector is used at an altitude between 1,400 m (4,593 ft) and 4,200 m (13,780 ft). 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 is 35 °C (95 °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 is 30 °C (86 °F) or higher; 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 is 25 °C (77 °F) or higher. 13 Excluding the REZ15/L. Software replaced with equivalent functions in the Web Control UI.

Optional Accessories

- **Fixed-Focus Lens**
  ET-C1U200 (0.380:1)
- **Zoom Lens**
  ET-C1U100 (0.308–0.330:1) / ET-C1W300 (0.550–0.690:1) / ET-C1W400 (0.680–0.950:1) / ET-C1W500 (0.940–1.39:1) / ET-C1S600 (1.36–2.10:1) / ET-C1T700 (2.07–3.38:1) / ET-C1T800 (3.3–6.6:1)
  Note: Lenses are equipped with Auto Lens Identification Function. ET-C1S600 is equivalent to the supplied lens (availability may vary by country or region). Models with an "L" designation ship without a lens.
- **Ceiling Mount Bracket**
  ET-PKD120H (for high ceilings) / ET-PKD120S (for low ceilings) / ET-PKD130H (with 6-axis adjustment mechanism)
  Note: ET-PKD120H/PKD120S/PKD130H is used in combination with ET-PKD130B (sold separately).
- **Attachment for Ceiling Mount Bracket**
  ET-PKD130B
- **ET-FMP50 Series Media Processors**
  ET-FMP50 / ET-FMP20 / ET-SBFMP10
  Note: For more information on the ET-FMP50 Series, please visit https://docs.connect.panasonic.com/projector/products/fmp50/.
- **Function Boards**
  12G-SDI Terminal Board (TY-SB01QS) / Wireless Presentation System Receiver Board (TY-SB01WP) / DIGITAL LINK Terminal Board (TY-SB01DL) / 12G-SDI Optical Function Board (TY-SB01FB)
- **Wireless Module** AJ-WM50 Series
  Note: Availability may vary by country or region. The suffix at the end of the model number is omitted. Operating temperature: 0–40 °C (32–104 °F).
- **Wireless Presentation System PressIT** TY-WPS2 (basic set)
  Note: Visit https://docs.connect.panasonic.com/prodisplays/products/ty-wps2/ for more information.
- **NFC Upgrade Kit** ET-NUK10
  Note: Availability may vary by country or region.

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All information included here is valid as of July 2025.

PT-REZ15series_G2 Printed in Japan.