



Evolved 1-Chip DLP™ Projectors Transform Your Experience with a Smooth, Frictionless Workflow

PT-REZ12

Evolved 12,000lm WUXGA 1-Chip DLP™ Projector Transform Your Experience with a Smooth, Frictionless Workflow

Key Features

High-Contrast Visuals Deepen Engagement

Flexibility and Expandability for Timesaving Workflow

New Compact Body Supports Maintenance-free Projection



Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel size	0.8 in diagonal (16:10 aspect ratio)
Display Device -> Number of pixels	2,304,000 (1920 x 1200 pixels)
Light source	Laser diode
Light output	12,000 lm
Light output (ANSI)	12,000 lm
Light output (Center)<sup> *1</sup><sup> *2</sup></sup>	12,400 lm (Center)
Time until light output declines to 50 %<sup> *1</sup><sup> *2</sup></sup>	20,000 hours [NORMAL]
-> NORMAL	
Time until light output declines to 50 %<sup> *1</sup><sup> *2</sup></sup>	24,000 hours [ECO]
-> ECO	
Time until light output declines to 50 %<sup> *1</sup><sup> *2</sup></sup>	20,000 hours [QUIET]
-> QUIET	
Resolution	WUXGA (1920 x 1200 pixels)
Contrast Ratio (typ.)	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	70–700 inches (with supplied lens)
Center-to-corner zone ratio	90%
Lens	Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus
Lens shift -> Vertical(from center of screen)	±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)
Lens shift -> Horizontal(from center of screen)	±29 % (with ET-C1W400/W500/S600/T700), ±23 % (with ET-C1W300/U100)
Keystone correction range	Vertical: ±40 ° (±5 ° with ET-C1U100; ±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)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI<sup>™</sup><sup>™</sup></sup> IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)*5
Terminals -> DisplayPort<sup>™</sup><sup>™</sup></sup> IN	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)*5
Terminals -> MULTI PROJECTOR SYNC IN	BNC x 1
Terminals -> MULTI PROJECTOR SYNC OUT	BNC x 1
Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
Terminals -> SERIAL OUT	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
Terminals -> REMOTE 1 IN	M3 stereo mini-jack x 1 for wired remote control
Terminals -> REMOTE 1 OUT	M3 stereo mini-jack 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 -> LAN	RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
Terminals -> DC OUT	USB Type A x 1 (for power supply, DC 5 V, 2 A)
Terminals -> USB TYPE A	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory
Terminals -> SLOT	Open slot for function boards, Intel® SDM compatible
Protocol versions	IPv4、IPv6*6
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption	995 W (10.4–4.3 A) (1,005 VA) (Power consumption is 950 W at AC 200–240 V)
On-mode power consumption(Operating mode) -> Normal	[NORMAL]850 W (AC 100–120 V), 810 W (AC 200–240 V)
On-mode power consumption(Operating mode) -> Eco	[ECO]650 W (AC 100–120 V), 625 W (AC 200–240 V)
On-mode power consumption(Operating mode) -> Quiet	[QUIET]640 W (AC 100–120 V), 615 W (AC 200–240 V)
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal	38 dB [NORMAL]
Operation noise -> Eco	38 dB [ECO]
Operation noise -> Quiet	35 dB [QUIET]
Dimensions (W x H x D)	PT-REZ12: 498 x 212 x 648 mm (19 19/32" x 8 11/32" x 25 1/2") (With feet at shortest position) PT-REZ12L: 498 x 212 x 538 mm (19 19/32" x 8 11/32" x 21 3/16") (With feet at shortest position)
Dimensions (W x H x D) -> Width (not including protruding parts)	498 mm (19 19/32")
Dimensions -> Width (including protruding parts)	498 mm (19 19/32")
Dimensions -> Height (including protruding parts)	212 mm (8 11/32")
Dimensions -> Depth (not including protruding parts)	538 mm (21 3/16")
Dimensions -> Depth (including lens)	648 mm (25 1/2")

Weight	PT-REZ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens) PT-REZ12L: Approx. 27.0 kg (59.52 lbs) (without lens)
Operating environment -> Operating temperature	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	10-80 % (no condensation)
Applicable software	Logo Transfer Software*1 1, Multi Monitoring & Control Software, Projector Network Setup Software, Early Warning 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)
Footnote Description	<p>This is the value when the Zoom Lens (Model No.: ET-C15600) is used. The value varies depending on the lens.</p> <p>When [OPERATING MODE] is set to [NORMAL].</p> <p>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.</p> <p>Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</p> <p>Average light-output value of all shipped products measured at the center of the screen.</p> <p>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.</p> <p>4K signals are converted to WUXGA (1920 x 1200 pixels).</p> <p>Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.</p> <p>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).</p> <p>This value has included a maximum power consumption of 80 W when using a function board.</p> <p>Average value. May differ depending on the actual unit.</p> <p>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).</p> <p>Excluding the REZ15. Software replaced with equivalent functions in the Web Control UI.</p>