



**Transform Your Experience with Evolved 1-Chip DLP™ Projectors, Delivering Up to 12,000lm on AC 100-240 V**

## **PT-REZ12**

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

### **Key Features**

Seamless, High-Contrast Visuals Deepen Engagement

Compact and Flexible for an Efficient Workflow

New Compact Body Supports Maintenance-free Projection



## PT-REZ12

<https://ap.connect.panasonic.com/sg/en/products/projectors/pt-rez12>

|   |  |
|---|--|
| <b>Dimensions (W x H x D)</b>   | PT-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-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)  |
| <b>Weight*7</b>   | PT-REZ12/REZ10/REZ80: Approx. 28.7 kg (63.27 lbs) (with supplied lens), PT-REZ12L/REZ10L/REZ80L: Approx. 27.0 kg (59.52 lbs) (without lens)  |
| <b>Operating Environment</b>  | Operating temperature: 0–45 °C (32–113 °F)*9, operating humidity: 10–80 % (no condensation)  |
| <b>Applicable Software</b>  | Logo Transfer Software, Multi Monitoring & Control Software, Projector Network Setup Software, Early Warning Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™  |
| <b>Lens</b>   | PT-REZ12/REZ10/REZ80: Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus; PT-REZ12L/REZ10L/REZ80L: Optional powered zoom/focus lenses   |
| <b>Resolution</b>   | WUXGA (1920 x 1200 pixels)   |
| <b>Keystone Correction Range</b>  | 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)  |
| <b>Screen Size (Diagonal)</b>   | 70–700 inches (with supplied lens)   |
| <b>Contrast Ratio*1</b>   | 25,000:1 (Full On/Full Off, Dynamic Contrast [3])  |
| <b>Note</b>   | *1 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. *2 When [OPERATING MODE] is set to [NORMAL]. *3 Average light-output value of all shipped products measured at the center of the screen in NORMAL Mode. *4 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/m <sup>3</sup> of airborne particulate matter. The estimated time until light output declines to 50 % varies depending on the environment. *5 4K signals are converted to WUXGA (1920 x 1200 pixels). *6 Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. *7 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). *8 Average value. May differ depending on the actual unit. *9 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). |
| <b>Power Supply</b>   | AC 100–240 V, 50/60 Hz   |
| <b>Light Source</b>   | Laser diode  |
| <b>Terminals   Serial In</b>  | D-sub 9-pin (female) x 1 for external control (RS-232C compliant)  |
| <b>Terminals   LAN</b>  | RJ-45 x 1 for network connection, PjLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible  |
| <b>Terminals   DC Out</b>   | USB Type A x 1 (for power supply, DC 5 V, 2 A)   |
| <b>DLP™ Chip   Panel Size</b>   | 0.8 in diagonal (16:10 aspect ratio)   |
| <b>Terminals   Serial Out</b>   | D-sub 9-pin (male) x 1 for link control (RS-232C compliant)  |
| <b>Terminals   USB</b>  | USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory  |
| <b>Terminals   Remote 2 In</b>  | D-sub 9-pin (female) x 1 for external control (parallel)   |
| <b>Terminals   Expansion Slot</b>   | Open slot for for function boards, Intel® SDM compatible   |
| <b>Terminals   REMOTE 1 OUT</b>   | M3 stereo mini-jack x 1 for link control (for wired remote control)  |
| <b>Operation noise*1</b>  | 38 dB (NORMAL/ECO), 35 dB (QUIET)  |
| <b>Projector type</b>   | 1-Chip DLP™ projectors   |
| <b>DLP™ chip   Number of Pixels</b>                                       | 2,304,000 (1920 x 1200 pixels)   |
| <b>Center-to-corner zone ratio*1</b>                                      | 90 %   |
| <b>Lens shift   Vertical(From the origin point of the lens mounter)</b>   | ±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)   |
| <b>Lens shift   Horizontal(From the origin point of the lens mounter)</b> | ±29 % (with ET-C1W400/W500/S600/T700), ±23 % (with ET-C1W300/U100)   |
| <b>Terminals   Multi Sync Out</b>   | BNC x 1  |
| <b>Light Output*1 *2</b>  | 12,000 lm / 12,400 lm (Center)*3   |
| <b>Protocol versions</b>  | IPv4, IPv6*6   |
| <b>Control function via LAN</b>   | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PjLink™ (Class 2)   |
| <b>Terminals   HDMI™ 1/2 IN</b>   | HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5)  |
| <b>Terminals   DisplayPort™</b>   | DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input*5)   |
| <b>Terminals   Multi Sync In</b>  | BNC x 1  |
| <b>Terminals   REMOTE 1 IN</b>  | M3 stereo mini-jack x 1 for wired remote control   |
| <b>Power Consumption*7   Maximum power consumption</b>                    | 995 W (10.4–4.3 A) (1,005 VA)<br>(Power consumption is 950 W at AC 200–240 V)  |
| <b>Time until light output declines to 50 %*4</b>                         | 20,000 hours (NORMAL/QUIET), 24,000 hours (ECO)<br><br>850 W (AC 100–120 V), 810 W (AC 200–240 V)<br>650 W (AC 100–120 V), 625 W (AC 200–240 V)<br>640 W (AC 100–120 V), 615 W (AC 200–240 V)  |