



Expand Production Possibilities and Revolutionize Workflow with Next-Generation 1-Chip DLP™ 4K Projectors

PT-REQ12

The next-generation PT-REQ12 1-Chip DLP™ 4K Laser Projector is designed to streamline productions and expand the endless possibilities of entertainment by delivering exceptional, highly engaging immersive experiences with up to 12,000lm brightness, 4K resolution, and 240 Hz projection capability.

Key Features

Dramatic Visuals Take Your Production to New Heights

Effortless Workflow, Improved Expandability

New Cabinet Design for Reliable Operation



Projector type	1-Chip DLP™ projector
Display method	DLP™ chip x 1, DLP™ projection system
Display Device -> Panel	0.8 in diagonal (16:10 aspect ratio) size
Display Device ->	2,304,000 (1920 x 1200 pixels)
Number of pixels	
Light source	Laser diode
Light output *1 *2 *3	12,000 lm
Light output (ANSI) *4	12,000 lm
Light output (Center) *5	12,400 lm (Center)
Time until light output	20,000 hours [NORMAL] declines to 50 % -> NORMAL *6
Time until light output	24,000 hours [ECO] declines to 50 % -> ECO *6
Time until light output	20,000 hours [QUIET] declines to 50 % -> QUIET *6
Resolution	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
Contrast Ratio (typ.) *3	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
Screen size (diagonal)	70–700 inches (with supplied lens)
Center-to-corner zone	90% ratio *3
Lens	Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus
Lens shift ->	±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)
Vertical (from center of screen)	
Lens shift ->	±29 % (with ET-C1W400/W500/S600/T700), ±23 % (with ET-C1W300/U100)
Horizontal (from center of screen)	
Keystone correction range	Vertical: ±40 ° (±5 ° with ET-C1U100; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI™ IN	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals ->	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
DisplayPort™ IN	
Terminals -> MULTI	BNC x 1
PROJECTOR SYNC IN	
Terminals -> MULTI	BNC x 1
PROJECTOR SYNC OUT	
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, PJLink™ (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 standard-compatible
Protocol versions	IPv4, IPv6*5
Power supply	AC 100–240 V, 50/60 Hz
Maximum power consumption *7	1,030 W (10.4–4.3 A) (1,040 VA) (Power consumption is 990 W at AC 200–240 V)
On-mode power consumption (Operating mode) -> Normal *8	[NORMAL] 880 W (AC 100–120 V), 840 W (AC 200–240 V)
On-mode power consumption (Operating mode) -> Eco *8	[ECO] 680 W (AC 100–120 V), 655 W (AC 200–240 V)
On-mode power consumption (Operating mode) -> Quiet *8	[QUIET] 670 W (AC 100–120 V), 645 W (AC 200–240 V)
Cabinet materials	Molded plastic
Filter	No
Operation noise -> Normal *3	38 dB [NORMAL]
Operation noise -> Eco *3	38 dB [ECO]
Operation noise -> Quiet *3	35 dB [QUIET]
Dimensions (W x H x D)	PT-REQ12: 498 x 212 x 648 mm (19 19/32" x 8 11/32" x 25 1/2") (With feet at shortest position) PT-REQ12L: 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)	498 mm (19 19/32") -> Width (not including protruding parts)

Dimensions -> Width	498 mm (19 19/32") (including protruding parts)
Dimensions -> Height	212 mm (8 11/32") (including protruding parts)
Dimensions -> Depth	538 mm (21 3/16") (not including protruding parts)
Dimensions -> Depth	648 mm (25 1/2") (including lens)
Weight	PT-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens) PT-REQ12L: Approx. 27.0 kg (59.52 lbs) (without lens)
Operating environment	0–45 °C (32–113 °F) -> Operating temperature *11
Operating Environment	10–80 % (no condensation) -> Operating humidity (No condensation)
Applicable software	Logo Transfer Software*10, Multi Monitoring & Control Software, Projector Network Setup Software, Real-Time Tracking Projection-Mapping System, 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>1. This is the value when the Zoom Lens (Model No.: ET-C1S600) is used. The value varies depending on the lens.</p> <p>2. When [OPERATING MODE] is set to [NORMAL].</p> <p>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.</p> <p>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.</p> <p>5. Average light-output value of all shipped products measured at the center of the screen.</p> <p>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.</p> <p>7. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6.</p> <p>8. 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>9. This value has included a maximum power consumption of 80 W when using a function board.</p> <p>10. Average value. May differ depending on the actual unit.</p> <p>11. 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>12. Excluding the REQ15. Software replaced with equivalent functions in the Web Control UI.</p>
Body Colour	Black/White
Gross Dimensions (W x H x D in mm)	REQ12LBU/REQ12LWU/REQ12LBIG/REQ12LBEJ/REQ12LWEJ/REQ12LBX/REQ12BU/REQ12WU/REQ12BEJ/REQ12WEJ/REQ12BX: 655 x 849 x 378 mm REQ12LBE/REQ12LWE/REQ12BUY/REQ12WUY/REQ12BE/REQ12WE: 639 x 833 x 368 mm
Gross Weight (Kg)	REQ12LBU/REQ12LWU/REQ12LBIG/REQ12LBX: 33.1 kg (73.1 lbs) REQ12LBEJ/REQ12LBEJ: 33.9 kg (74.8 lbs) REQ12LBE/REQ12LWE: 33.0 kg (72.9 lbs) REQ12BU/REQ12WU/REQ12BX: 34.8 kg (76.8 lbs) REQ12BUY/REQ12WUY: 34.0 kg (74.9 lbs) REQ12BEJ/REQ12WEJ: 35.6 kg (78.5 lbs) REQ12BE/REQ12WE: 34.7 kg (76.6 lbs)
NFC	https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional
EAN	REQ12LBEJ: 5025232942602 REQ12LWEJ: 5025232942626 REQ12LBE: 8887549825231 REQ12LWE: 8887549825248 REQ12BEJ: 5025232942633 REQ12WEJ: 5025232942640 REQ12BE: 8887549825286 REQ12WE: 8887549825309