Panasonic CONNECT



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



























PT-REQ12

https://latam.connect.panasonic.com /co/es/productos/proyectores/ptreq12

Projector type	1-Chip DLP TM projector
Display method	DLP TM chip x 1, DLP TM 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) *2 *4	12,400 lm (Center)
Time until light output declines to 50 %	
-> NORMAL	220,000 11001111112,
Time until light output declines to 50 %	624,000 hours [ECO]
-> ECO	
Time until light output declines to 50 % -> QUIET	620,000 hours [QUIET]
Resolution	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
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	±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)
screen)	
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)
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals -> HDMI [™] IN	HDMI TM x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> DisplayPort [™] IN	DisplayPort TM x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
Terminals -> MULTI PROJECTOR SYNC	
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	$RJ-45 \times 1 \ for \ network \ connection, \ PJLink^{TM} \ (Class \ 2) \ compatible, \ 10Base-T/100Base-TX,$
	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	1,030 W (10.4–4.3 A) (1,040 VA)(Power consumption is 990 W at AC 200–240 V)
On-mode power	[NORMAL] 880 W (AC 100-120 V), 840 W (AC 200-240 V)
consumption(Operating mode) -> Normal	
On-mode power consumption(Operating mode) -> Eco	[ECO] 680 W (AC 100–120 V), 655 W (AC 200–240 V)
On-mode power consumption(Operating mode) ->	[QUIET] 670 W (AC 100–120 V), 645 W (AC 200–240 V)
Quiet	
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-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 shortest position)
Dimensions (W x H x D) -> Width (not	·
	730 mm(13/32)
including protruding parts)	
including protruding parts) Dimensions -> Width (including	498 mm (19 19/32")
	498 mm (19 19/32") 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-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens)PT-REQ12L: 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 *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 TM
Control function via LAN	Crestron Connected TM V2, Crestron XiO Cloud TM , Art-Net DMX, AMX® DD, and PJLink TM (Class 2)
Footnote Description	 This is the value when the Zoom Lens (Model No.: ET-C15600) is used. The value varies depending on the lens. When [OPERATING MODE] is set to [NORMAL]. 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. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. Average light-output value of all shipped products measured at the center of the screen. 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. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 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).

9. This value has included a maximum power consumption of 80 W when using a

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).

12. Excluding the REQ15. Software replaced with equivalent functions in the Web

10. Average value. May differ depending on the actual unit.

Control UI.