



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

 ${\it Effortless\,Workflow,\,Improved\,Expandability}$

New Cabinet Design for Reliable Operation























On-mode power

On-mode power consumption(Operating mode) -> Quiet *9 Cabinet materials

Operation noise -> Normal *3

consumption(Operating mode) -> Normal *9 On-mode power

consumption(Operating mode) -> Eco *9





PT-REQ12

https://latam.connect.panasonic.com /br/en/products/projectors/pt-req12

Projector type	1-Chip DLP TM projector
Display method	DLP TM chip x 1, DLP TM projection system
	l 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 *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 declines to 50 % -> ECO *6	
Time until light output declines to 50 % -> QUIET *6	20,000 hours [QUIET]
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 ratio *3	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 ->	±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 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 IN	BNC x 1
Tananala ala a BALLI TY	
Terminals -> MULTI PROJECTOR SYNC OUT	BNC x 1
PROJECTOR SYNC OUT Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
PROJECTOR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
PROJECTOR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
PROJECTOR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control)
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel)
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A)
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT Terminals -> USB TYPE A	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A) USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT Terminals -> USB TYPE A Terminals -> SLOT	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A) USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory Open slot for function boards, Intel® SDM standard-compatible
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT Terminals -> USB TYPE A Terminals -> SLOT Protocol versions	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A) USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory Open slot for function boards, Intel® SDM standard-compatible IPv4, IPv6*5
PROJECTOR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT Terminals -> USB TYPE A Terminals -> SLOT Protocol versions Power supply	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A) USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory Open slot for function boards, Intel® SDM standard-compatible IPv4, IPv6*5 AC 100-240 V, 50/60 Hz
PROJECT OR SYNC OUT Terminals -> SERIAL IN Terminals -> SERIAL OUT Terminals -> REMOTE 1 IN Terminals -> REMOTE 1 OUT Terminals -> REMOTE 2 IN Terminals -> LAN Terminals -> DC OUT Terminals -> USB TYPE A Terminals -> SLOT Protocol versions	D-sub 9-pin (female) x 1 for external control (RS-232C compliant) D-sub 9-pin (male) x 1 for link control (RS-232C compliant) M3 stereo mini-jack x 1 for wired remote control M3 stereo mini-jack x 1 for link control (for wired remote control) D-sub 9-pin (female) x 1 for external control (parallel) RJ-45 x 1 for network connection, PJLink TM (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible USB Type A x 1 (for power supply, DC 5 V, 2 A) USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory Open slot for function boards, Intel® SDM standard-compatible IPv4, IPv6*5

[NORMAL] 880 W (AC 100-120 V), 840 W (AC 200-240 V)

[ECO] 680 W (AC 100-120 V), 655 W (AC 200-240 V)

[QUIET] 670 W (AC 100-120 V), 645 W (AC 200-240 V)

Molded plastic 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 -> 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 *10	PT-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens)PT-REQ12L: Approx. 27.0 kg (59.52 lbs) (without lens)
-> Operating humidity	nt0–45 °C (32–113 °F) nt10–80 % (no condensation)
(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). This value has included a maximum power consumption of 80 W when using a function board. Average value. May differ depending on the actual unit. 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). Excluding the REQ15. Software replaced with equivalent functions in the Web Control UI.
Body Colour	Black/White

body Colodi	DIACK WHITE
Gross Dimensions (W x	REQ12LBU/REQ12LBU/REQ12LBU/REQ12LBEJ/REQ12LWEJ/REQ12LBX/REQ12BU/REQ12BU/REQ12BEJ/REQ12WEJ/REQ12BS/RE
H x D in mm)	655 x 849 x 378 mm
	REQ12LBE/REQ12LWE/REQ12BUY/REQ12WUY/REQ12BE/REQ12WE: 639 x 833 x 368 mm
Gross Weight (Kg)	REQ12LBU/REQ12LWU/REQ12LBUG/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: 5025232942626REQ12LBE: 8887549825231REQ12LWE: 8887549825248
	REQ12BEJ: 5025232942633REQ12WEJ: 5025232942640 REQ12BE: 8887549825286REQ12WE: 8887549825309