1-Chip DLP™ 4K Projectors Create Captivating and Immersive Entertainment Experiences

PT-RDQ10

KEY FEATURES

- Laser 1-Chip DLP, 10,000 lumens (ANSI), 4K laser projector

- Rich Colour Harmonizer technology for improved and more accurate colour reproduction

- Projects crisp, smooth, and richly detailed 4K (3840 x 2160, 16:9) images.

- Maintenance-free up to 20,000 hours maintenance-free operation with dust-resistant optical block and long lasting laser engine

Smooth Pixel Drive, an original 1-axis pixel-shifting technology, and high-pixel-density DMD deliver smooth, richly detailed 4K (3840 x 2160, 16:9) images. Rich Color Enhancer boosts color reproduction while refined black-border adjustment improves edge-blending uniformity on curved screens. Compatibility with ET-DLE020 Ultra-Short-Throw Zoom Lens enhances application flexibility. Optional SLOT NX interface boards, such as 12G-SDI and DisplayPort™, streamline integration, while preactivated Geometry Manager Pro upgrade kits simplify adjustment. PT-RDQ10 Series retains the same compact dimensions as our 1-Chip DLP™ models in an all-new cabinet. Liquid-cooling system realizes hermetically sealed optical-block, achieving 20,000-hour maintenance-free operation, while laser Failover Circuitry and Backup Input protect against interruptions.

Product Specifications

SPECIFICATIONS

Projector type	1-Chip DLP™ projector
DLP™ Chip | Panel Size	16.8 mm (0.66 in) diagonal (16:9 aspect ratio)
DLP™ Chip | Display Method	DLP™ chip x 1, DLP™ projection system
DLP™ chip | Number of Pixels	2716 x 1528 pixels (Images cannot be displayed at this resolution)
Light Source	Laser diodes
Light Output*1 *2	10,000 lm
Time until light output declines to 50 %*3	20,000 hours (NORMAL/QUIET)/24,000 hours (ECO)
Resolution	4K (3840 x 2160 pixels) (With Smooth Pixel Drive)
Contrast Ratio*1	10,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [3]. HDMI signal input)
Screen Size (Diagonal)	1.52–15.24 m (60–600 in) with ET-DLE060/ET-DLE088/ET-DLE158/ET-DLE178*4/ET-DLE258, 2.54–10.16 m (100–400 in) with ET-DLE020, 16:9 aspect ratio
Center-to-corner zone ratio*1	90 %
Lens	Powered zoom (throw ratio 1.60–2.58:1), powered focus (for supplied lens; optional lenses also available)
Lens shift | Vertical(From the origin point of the lens mounter)	±60 % with ET-DLE088/ET-DLE158/ET-DLE178*4/ET-DLE258 (±49 % with ET-DLE060, +59 %, -40 % with ET-DLE020) (powered)
Lens shift | Horizontal(From the origin point of the lens mounter)	±25 % with ET-DLE088/ET-DLE158/ET-DLE178*4/ET-DLE258 (±19 % with ET-DLE060, ±24 % with ET-DLE020) (powered)
Keystone Correction Range	TBD
Installation	Ceiling/floor, front/rear, free 360-degree installation
Terminals | HDMI 1 In	HDMI 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input)
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 | DIGITAL LINK/LAN	RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net, HDCP 2.3, Deep Color,4K/60p signal input)
Terminals | LAN	RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink™ [Class 2], Art-Net)
Terminals | USB	USB Connector (Type A) x 1 for Cloning/Wireless Module (Output 5 V/500 mA)
Terminals | DC Out	USB Connector (Type A) x 1 (Output 5 V/2 A)
Terminals | Expansion Slot	Open slot for SLOT NX compatible interface board
Power Supply	AC 100–240 V, 50/60 Hz
Power Consumption	TBD
Cabinet Materials	Molded plastic
Operation noise*1	39 dB (NORMAL/ECO) [TBD] / 35 dB (QUIET) [TBD]
Dimensions (W × H × D)*5	498 x 200 x 538 mm (19 19/32″ x 7 7/8″ x 21 3/16″) excluding lens [TBD]

Weight*6	Less than 25 kg (55.1 lbs) excluding lens [TBD]
Operating Environment	Operating temperature: 0–45 °C (32–113 °F)*7 *8 , operating humidity: 10–80 % (no condensation)
Applicable Software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Geometry Manager Pro, Smart Projector Control for iOS/Android™
Note	*1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *2 When [PICTURE MODE] is set to [DYNAMIC] and [LIGHT POWER] is set to [NORMAL]. *3 Around this time, lightoutput will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [3], temperature 35 °C (86 °F), elevation 700 m (2,297 ft) with 0.15 mg/m3 of particulate matter). Estimated time until light output declines to 50 % variesdepending on environment. *4 ET-DLE178 is equivalent of supplied lens. Availability of ET-DLE178 varies depending on country. *5 With legs fully retracted, excluding lens and protruding parts. *6 Average value. May differ depending on the actual unit. *7 When using the projector at analtitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 30 °C (86 °F) or higher, the light output may be reduced to protect the projector. When using the projector at an altitude between 2,700 m (8,858 ft) and 4,200 m (13,780 ft), and theoperating environment temperature becomes 25 °C (77 °F) or higher, the light output may be reduced to protect the projector. *8 When optional AJ-WM50 Series wireless module is attached, operating temperature range becomes 0–40 °C (32–104 °F).

URL: https://business.panasonic.dk/visual-system/pt-rdq10-projector

CONTACT

Web: https://business.panasonic.dk/visual-system/contact-us