

Panasonic



1-Chip DLP™ 4K                    가

**PT-REQ12**

PT-REQ12 1-Chip DLP™ 4K                    12,000lm                    4K                    ,

240 Hz                    ,                    가                    .

Key Features

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## PT-REQ12

<https://ap.pnd.panasonic.com/nz/ko/PT-REQ12>

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| Projector type                                                   | 1- DLP™                                                                                                                                                                                        |
| Display method                                                   | DLP™ x 1, DLP™ ◆ ◆                                                                                                                                                                             |
| 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 *1 *2 *3                                            | 12,000 lm                                                                                                                                                                                      |
| Light output (ANSI) *1 *2 *4                                     | 12,000 lm                                                                                                                                                                                      |
| Light output (Center) *1 *2 *5                                   | 12,400 lm (Center)                                                                                                                                                                             |
| Time until light output declines to 50 % *6                      | 20,000 [NORMAL]                                                                                                                                                                                |
| -> NORMAL *6                                                     |                                                                                                                                                                                                |
| Time until light output declines to 50 % *6                      | 24,000 [ECO]                                                                                                                                                                                   |
| -> ECO *6                                                        |                                                                                                                                                                                                |
| Time until light output declines to 50 % *6                      | 20,000 hours [QUIET]                                                                                                                                                                           |
| -> QUIET *5                                                      |                                                                                                                                                                                                |
| 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 -> 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                                                     | / , / , 360                                                                                                                                                                                    |
| Terminals -> HDMI™ IN                                            | HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)                                                                                                                          |
| Terminals -> DisplayPort™ IN                                     | DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 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 -> 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                                                | ◆ , ◆® SDM                                                                                                                                                                                     |
| Protocol versions                                                | IPv4, IPv6 *5                                                                                                                                                                                  |
| Power supply                                                     | AC 100–240 V, 50/60 Hz                                                                                                                                                                         |
| Maximum power consumption *9                                     | 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 *9 *9 *10   | [NORMAL] 880 W (AC 100–120 V), 840 W (AC 200–240 V)                                                                                                                                            |
| On-mode power consumption (Operating mode) -> Eco *9 *9 *10      | [ECO] 680W (AC 100–120 V), 655W (AC 200–240 V)                                                                                                                                                 |
| On-mode power consumption (Operating mode) -> Quiet *13 *14      | [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                                         | 35 dB [QUIET]                                                                                                                                                                                  |
| Body Colour                                                      | PT-REQ12LBEJ-BlackPT-REQ12LBE-BlackPT-REQ12BEJ-BlackPT-REQ12BE-BlackPT-REQ12LWEJ-WhitePT-REQ12LWE-WhitePT-REQ12WEJ-WhitePT-REQ12WE-White                                                       |
| 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")                                                                                                                                                                             |

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| <b>Dimensions -&gt; Height (including protruding parts)</b>             | 212 mm (8 11/32")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dimensions -&gt; Depth (not including protruding parts)</b>          | 538 mm (21 3/16")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Dimensions -&gt; Depth (including lens)</b>                          | 648 mm (25 1/2")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gross Dimensions (W x H x D in mm)</b>                               | REQ12BEJ/REQ12WEJ/REQ12BX: Approx. 655 x 378 x 849 mm<br>REQ12BE/REQ12WE: Approx. 639 x 368 x 833 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Weight *11</b>                                                       | PT-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens)PT-REQ12L: Approx. 27.0 kg (59.52 lbs) (without lens)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gross Weight (Kg)</b>                                                | REQ12BEJ/REQ12WEJ: 35.6 kg (78.5 lbs)<br>REQ12BE/REQ12WE: 34.7 kg (76.6 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Operating environment -&gt; Operating temperature *12</b>            | 0–45 °C (32–113 °F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Operating Environment -&gt; Operating humidity (No condensation)</b> | 10–80 % (no condensation)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applicable software</b>                                              | 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™                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>NFC</b>                                                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Control function via LAN</b>                                         | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>EAN</b>                                                              | REQ12BEJ: 5025232942633<br>REQ12WEJ: 5025232942640<br>REQ12BE: 8887549825286<br>REQ12WE: 8887549825309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Terminals -&gt; SDI IN</b>                                           | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Terminals -&gt; DVI-D IN</b>                                         | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Terminals -&gt; DIGITAL LINK IN / LAN</b>                            | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Active 3D</b>                                                        | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>SDM</b>                                                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Footnote Description</b>                                             | <p>1. ( : ET-C1S600) .</p> <p>2. [OPERATING MODE]가 [NORMAL]</p> <p>3. , , ISO/IEC 21118: 2020 .</p> <p>4. , , (American National Standards Institute) .</p> <p>5. .</p> <p>6. 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. 50%</p> <p>7. AJ-WM50 IPv6 .</p> <p>8. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) .</p> <p>9. 80 W .</p> <p>10. .</p> <p>11. AJ-WM50 , 0–40 °C(32–104 °F) . 1,400 m(4,593 ft)~4,200 m(13,780 ft) , 0 °C(32 °F)~40 °C(104 °F) .</p> <p>12. REQ15 Web Control UI .</p> |