

Panasonic



1-Chip DLP™ 4K

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PT-REQ12

PT-REQ12 1-Chip DLP™ 4K
240 Hz

12,000lm 4K

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Key Features





PT-REQ12

<https://ap.pnd.panasonic.com/kr/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 % *20,000 [NORMAL] | -> NORMAL *6 |
| Time until light output declines to 50 % *24,000 [ECO] | -> ECO *6 |
| Time until light output declines to 50 % *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, PLink™ (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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| 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") |
| Gross Dimensions (W x H x D in mm) | REQ12BEJ/REQ12WEJ/REQ12BX: Approx. 655 x 378 x 849 mm REQ12BE/REQ12WE: Approx. 639 x 368 x 833 mm |
| Weight *11 | PT-REQ12: Approx. 28.7 kg (63.27 lbs) (with supplied lens) PT-REQ12L: Approx. 27.0 kg (59.52 lbs) (without lens) |
| Gross Weight (Kg) | REQ12BEJ/REQ12WEJ: 35.6 kg (78.5 lbs) REQ12BE/REQ12WE: 34.7 kg (76.6 lbs) |
| Operating environment -> Operating temperature *12 | 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™ |
| NFC | Yes |
| Control function via LAN | Crestron Connected™ V2, Crestron XiO Cloud™, Art-Net DMX, AMX® DD, and PJLink™ (Class 2) |
| EAN | REQ12BEJ: 5025232942633 REQ12WEJ: 5025232942640 REQ12BE: 8887549825286 REQ12WE: 8887549825309 |
| Terminals -> SDI IN | — |
| Terminals -> DVI-D IN | — |
| Terminals -> DIGITAL LINK IN / LAN | — |
| Active 3D | No |
| SDM | Yes |

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| Footnote Description | <ol style="list-style-type: none"> 1. (: ET-C1S600) . 2. [OPERATING MODE]가 [NORMAL] 3. , , ISO/IEC 21118: 2020 . 4. , , (American National Standards Institute) . 5. . 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% 7. AJ-WM50 IPv6 . 8. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) . 9. 80 W . 10. . 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) 12. REQ15 Web Control UI . |
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