

# 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

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## PT-REQ12

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

<b>Projector type</b>	1- DLP™
<b>Display method</b>	DLP™ x 1, DLP™ ◆ ◆
<b>Display Device -&gt; Panel size</b>	0.8 in diagonal (16:10 aspect ratio)
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200 pixels)
<b>Light source</b>	Laser diode
<b>Light output *1 *2</b>	12,000 lm
<b>Light output (ANSI) *1 *3</b>	12,000 lm
<b>Light output (Center) *1 *4</b>	12,400 lm (Center)
<b>Time until light output declines to 50 %</b>	20,000 [NORMAL]
<b>-&gt; NORMAL *5</b>	
<b>Time until light output declines to 50 %</b>	24,000 [ECO]
<b>-&gt; ECO *5</b>	
<b>Time until light output declines to 50 %</b>	20,000 hours [QUIET]
<b>-&gt; QUIET *5</b>	
<b>Resolution *6</b>	4K (3840 x 2400 pixels) (Quad Pixel Drive: ON)
<b>Contrast Ratio (typ.)</b>	25,000:1 (Full On/Full Off, Dynamic Contrast [3])
<b>Screen size (diagonal)</b>	70–700 inches (with supplied lens)
<b>Center-to-corner zone ratio</b>	90%
<b>Lens</b>	Powered zoom (throw ratio 1.36–2.10:1 for supplied lens), powered focus
<b>Lens shift -&gt; Vertical (from center of screen)</b>	±60 % (with ET-C1W400/W500/S600/T700), ±50 % (with ET-C1W300/U100)
<b>Lens shift -&gt; Horizontal (from center of screen)</b>	±29 % (with ET-C1W400/W500/S600/T700), ±23 % (with ET-C1W300/U100)
<b>Keystone correction range</b>	Vertical: ±40 ° (±5 ° with ET-C1U100; ±10 ° with ET-C1W300; ±16 ° with ET-C1W400; ±22 ° with ET-C1W500)
<b>Installation</b>	/ , / , 360
<b>Terminals -&gt; HDMI™ IN</b>	HDMI™ x 2 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
<b>Terminals -&gt; DisplayPort™ IN</b>	DisplayPort™ x 1 (Deep Color, compatible with HDCP 2.3, 4K/60p signal input)
<b>Terminals -&gt; MULTI PROJECTOR SYNC IN</b>	BNC x 1
<b>Terminals -&gt; MULTI PROJECTOR SYNC OUT</b>	BNC x 1
<b>Terminals -&gt; SERIAL IN</b>	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)
<b>Terminals -&gt; SERIAL OUT</b>	D-sub 9-pin (male) x 1 for link control (RS-232C compliant)
<b>Terminals -&gt; REMOTE 1 IN</b>	M3 stereo mini-jack x 1 for wired remote control
<b>Terminals -&gt; REMOTE 1 OUT</b>	M3 stereo mini-jack x 1 for link control (for wired remote control)
<b>Terminals -&gt; REMOTE 2 IN</b>	D-sub 9-pin (female) x 1 for external control (parallel)
<b>Terminals -&gt; LAN</b>	RJ-45 x 1 for network connection, PLink™ (Class 2) compatible, 10Base-T/100Base-TX, Art-Net compatible
<b>Terminals -&gt; DC OUT</b>	USB Type A x 1 (for power supply, DC 5 V, 2 A)
<b>Terminals -&gt; USB TYPE A</b>	USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module/USB memory
<b>Terminals -&gt; SLOT</b>	◆ , ◆@SDM
<b>Protocol versions</b>	IPv4, IPv6*5
<b>Power supply</b>	AC 100–240 V, 50/60 Hz
<b>Maximum power consumption *13</b>	1,030 W (10.4–4.3 A) (1,040 VA) (Power consumption is 990 W at AC 200–240 V)
<b>On-mode power consumption (Operating mode) -&gt; Normal *13 *14</b>	[NORMAL] 880 W (AC 100–120 V), 840 W (AC 200–240 V)
<b>On-mode power consumption (Operating mode) -&gt; Eco *13 *14</b>	[ECO] 680W (AC 100–120 V), 655W (AC 200–240 V)
<b>On-mode power consumption (Operating mode) -&gt; Quiet *13 *14</b>	[QUIET] 670 W (AC 100–120 V), 645 W (AC 200–240 V)
<b>Cabinet materials</b>	Molded plastic
<b>Filter *15</b>	No
<b>Operation noise -&gt; Normal</b>	38 dB [NORMAL]
<b>Operation noise -&gt; Eco</b>	38 dB [ECO]
<b>Operation noise -&gt; Quiet</b>	35 dB [QUIET]
<b>Body Colour</b>	PT-REQ12LBEJ-BlackPT-REQ12LBE-BlackPT-REQ12BEJ-BlackPT-REQ12BE-BlackPT-REQ12LWEJ-WhitePT-REQ12LWE-WhitePT-REQ12WEJ-WhitePT-REQ12WE-White
<b>Dimensions (W x H x D)</b>	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)
<b>Dimensions (W x H x D) -&gt; Width (not including protruding parts)</b>	498 mm (19 19/32")
<b>Dimensions -&gt; Width (including protruding parts)</b>	498 mm (19 19/32")

<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 REQ12BE/REQ12WE: Approx. 639 x 368 x 833 mm
<b>Weight *16</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) REQ12BE/REQ12WE: 34.7 kg (76.6 lbs)
<b>Operating environment -&gt; Operating temperature *17 *18</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 REQ12WEJ: 5025232942640 REQ12BE: 8887549825286 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>	<ol style="list-style-type: none"> <li>1. ( : ET-C1S600) . ◆ .</li> <li>2. [OPERATING MODE]가 [NORMAL] .</li> <li>3. , , ISO/IEC 21118: 2020 . ◆</li> <li>4. , , (American National Standards Institute) . ◆</li> <li>5. .</li> <li>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%</li> <li>7. ◆ AJ-WM50 IPv6 .</li> <li>8. , , ISO/IEC 21118: 2020 . ON 25 °C(77 °F), 700 m(2,297 ft) ◆ .</li> <li>9. 80 W ◆ .</li> <li>10. .</li> <li>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)</li> <li>12. REQ15 Web Control UI .</li> </ol>
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