



**Smooth and Detailed 4K Images from the Smallest and Lightest LCD Projector in its Class**

## PT-VMQ85

Smooth and Detailed 4K\*1 Images from the Smallest, Lightest LCD Projector in Its Class\*2 \*1 Displayed resolution (3840 x 2400 pixels) with 2-axis pixel-shifting technology [ON]. \*2 As of January 2026, according to our research, the PT-VMQ85 is the smallest and lightest 4K LCD projector with more than 8,000 lm, and the PT-VMQ75 is the smallest and lightest among those with more than 7,300 lm.

### Key Features

Bright, High-Contrast Detail in Any Space

Easy to Handle with Flexible Installation

Energy-Efficient, Eco-Conscious Design



## PT-VMQ85

<https://latam.connect.panasonic.com/co/en/products/projectors/pt-vmq85>

|                                                               |                                                                                                                                                                                                 |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Projector type                                                | LCD projectors                                                                                                                                                                                  |
| Display method                                                | Transparent LCD panel (x 3, R/G/B)                                                                                                                                                              |
| Display Device -> Panel size                                  | 0.64 inch (16:10 aspect ratio)                                                                                                                                                                  |
| Display Device -> Drive method                                | Active matrix method                                                                                                                                                                            |
| Display Device -> Number of pixels                            | 2,304,000 (1920 x 1200) pixels                                                                                                                                                                  |
| Light source                                                  | Laser diodes                                                                                                                                                                                    |
| Light output *1                                               | 8,000 lm                                                                                                                                                                                        |
| Light output (ANSI)                                           | 8,000 lm                                                                                                                                                                                        |
| Light output (Center) *1 *2                                   | 8,400 lm                                                                                                                                                                                        |
| Time until light output declines to 50 %                      | 20,000 hours [NORMAL]                                                                                                                                                                           |
| -> NORMAL *3                                                  |                                                                                                                                                                                                 |
| Time until light output declines to 50 %                      | 24,000 hours [ECO]                                                                                                                                                                              |
| -> ECO *3                                                     |                                                                                                                                                                                                 |
| Time until light output declines to 50 %                      | 20,000 hours [QUIET]                                                                                                                                                                            |
| -> QUIET *6                                                   |                                                                                                                                                                                                 |
| Resolution                                                    | 4K (3840 × 2400 pixels)                                                                                                                                                                         |
| Contrast Ratio (typ.) *1                                      | 5,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].)                                                                                  |
| Screen size (diagonal)                                        | 0.76–7.62 m (30–300 in), 16:10 aspect ratio                                                                                                                                                     |
| Center-to-corner zone ratio *1                                | 85%                                                                                                                                                                                             |
| Lens                                                          | 1.6x manual zoom (throw ratio: 1.09–1.77:1), manual focus lens, F=1.58–1.91, f=15.30–24.60 mm                                                                                                   |
| Digital Zoom Extender *5                                      | Throw ratio 1.09–2.21:1 *8 (Corresponding value. When used together with optical zoom.)                                                                                                         |
| Lens shift -> Vertical (from center of screen) *4             | +44 %                                                                                                                                                                                           |
| Lens shift -> Horizontal (from center of screen) *4           | ±20 %                                                                                                                                                                                           |
| Keystone correction range                                     | Vertical ±25°, Horizontal ±35°                                                                                                                                                                  |
| Terminals -> HDMI™ IN                                         | HDMI™ 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/60p signal input), CEC supported *9                                                                                                      |
| Terminals -> HDMI™ OUT                                        | HDMI™ x 1, CEC not supported                                                                                                                                                                    |
| Terminals -> AUDIO IN (M3 Stereo Mini Jack)                   | M3 stereo mini-jack x 1                                                                                                                                                                         |
| Terminals -> AUDIO OUT (M3 Stereo Mini Jack)                  | M3 stereo mini-jack x 1                                                                                                                                                                         |
| Terminals -> SERIAL IN                                        | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)                                                                                                                               |
| Terminals -> DIGITAL LINK IN / LAN                            | RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control) (HDBaseT™ compliant), 100Base-TX (Compatible with PLink™ [Class 2], HDCP, Deep Color, 4K/60p *10 signal input) |
| Terminals -> LAN                                              | RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PLink™ [Class 2]                                                                                                           |
| Terminals -> USB TYPE A                                       | USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A *11)                                                          |
| Protocol versions                                             | IPv4, IPv6 *12                                                                                                                                                                                  |
| Power supply                                                  | Single-phase AC 100–240 V, 50/60 Hz                                                                                                                                                             |
| Maximum power consumption                                     | 405 W (4.2–1.7 A) (410 VA) (Power consumption is 390 W at 200–240 V)                                                                                                                            |
| On-mode power consumption (Operating mode) -> Normal          | 370 W (100–120 V), 355 W (200–240 V) [NORMAL]                                                                                                                                                   |
| On-mode power consumption (Operating mode) -> Eco             | 260 W (100–120 V), 250 W (200–240 V) [ECO]                                                                                                                                                      |
| On-mode power consumption (Operating mode) -> Quiet *9        | 305 W (100–120 V), 295 W (200–240 V) [QUIET1]<br>255 W (100–120 V), 245 W (200–240 V) [QUIET2]                                                                                                  |
| Filter                                                        | Included                                                                                                                                                                                        |
| Estimated filter maintenance cycle                            | approx. 20,000 hours                                                                                                                                                                            |
| Operation noise -> Normal *1                                  | 39 dB [NORMAL]                                                                                                                                                                                  |
| Operation noise -> Eco *3                                     | 39 dB [ECO]                                                                                                                                                                                     |
| Operation noise -> Quiet *1                                   | 34 dB [QUIET1]<br>29 dB [QUIET2]                                                                                                                                                                |
| Body Colour                                                   | VMQ85EJ: White VMQ85BEJ: Black                                                                                                                                                                  |
| Dimensions (W x H x D)                                        | Approx. 399 × 115 × 348 mm (15 23/32" x 4 17/32" x 13 11/16") (Excluding protruding parts)<br>Approx. 399 × 133 × 348 mm (15 23/32" x 5 1/4" x 13 11/16") (With legs at shortest position)      |
| Gross Dimensions (W x H x D in mm)                            | VMQ85EJ/VMQ85BEJ : 546 x 276 x 474 mm                                                                                                                                                           |
| Weight *7                                                     | Approx. 7.4 kg (16.3 lbs)                                                                                                                                                                       |
| Gross Weight (Kg)                                             | VMQ85EJ/VMQ85BEJ : Approx. 11.7 kg (25.8 lbs)                                                                                                                                                   |
| Operating environment -> Operating temperature *8 *9          | 0–45 °C (32–113 °F)                                                                                                                                                                             |
| Operating Environment -> Operating humidity (No condensation) | 20–80 % (no condensation)                                                                                                                                                                       |
| Applicable software                                           | Multi Monitoring & Control Software, Projector Network Setup Software, Wireless Projector App for iOS/Android™ *19                                                                              |
| NFC                                                           | No                                                                                                                                                                                              |
| Active 3D                                                     | No                                                                                                                                                                                              |
| SDM                                                           | No                                                                                                                                                                                              |
| EAN                                                           | VMQ85EJ: 5025232991242<br>VMQ85BEJ: 5025232991341                                                                                                                                               |
| Terminals -> SDI IN                                           | —                                                                                                                                                                                               |

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| <b>Terminals -&gt; DVI-D IN</b>        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Terminals -&gt; DisplayPort™ IN</b> | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Footnote Description</b>            | <ol style="list-style-type: none"> <li>1. When [PICTURE MODE] is set to [DYNAMIC], [LIGHT POWER] is set to [NORMAL], [DAYLIGHT VIEW] is set to [OFF], and [AUTO POWER SAVE] is set to [OFF].</li> <li>2. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118:2020 international standards. Value is average of all products when shipped.</li> <li>3. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.</li> <li>4. Average light-output value of all shipped products measured at the center of screen in NORMAL Mode.</li> <li>5. Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2]). Estimated time until light output declines to 50 % varies depending on environment.</li> <li>6. Displayed resolution (3840 x 2400 pixels) with Quad Pixel Drive [ON].</li> <li>7. Resolution decreases when using Digital Zoom Extender. Grid Adjustment, 6-Point ScreenCorrection, V/H Keystone Correction, and curved-screen correction are not available when using this function. The range of corner adjustment is limited.</li> <li>8. When Digital Zoom Extender is set to 80 %.</li> <li>9. Depending on the connected CEC command compatible device, the link control may not operate normally.</li> <li>10. YPBPR 4:2:0 format only for 4K/60p signals input via DIGITAL LINK.</li> <li>11. On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.</li> <li>12. The optional AJ-WM50 Series Wireless Module does not support IPv6.</li> <li>13. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards.</li> <li>14. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft).</li> <li>15. Filter cleaning cycle varies depending on the environment. The filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m³), 10,000 hours (under dust conditions of 0.15 mg/m³).</li> <li>16. Average value. May differ depending on the actual unit.</li> <li>17. Light output is limited at operating temperatures higher than 30 °C (86 °F), and projectors cannot be operated at altitudes higher than 2,700 m (8,858 ft) above sea level.</li> <li>18. When the optional AJ-WM50 Series Wireless Module is attached, the operating temperature range becomes 0–40 °C (32–104 °F).</li> <li>19. When using the Wireless Projector app, display resolution differs depending on your iOS/Android™ device and the display device. The maximum supported display resolution is WXGA (1280 x 800).</li> </ol> |