



**3LCD - 7,000 lumens - WXGA - 1Lamp - Exchangeable lens - Digital Link - Powered H/V Lens Shift**

## **PT-EW730Z**

High brightness, low TCO and flexible installation LCD Projector Ideal for use in education and corporate environments

### **Key Features**

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LCD, 7,000 lumens, WXGA

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Daylight View Basic function ensures clear and vivid image quality in bright environments

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Integrated DIGITAL LINK and Displayport connection

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Eco filter enables up to 15,000 hours of air filter replacement cycle





## PT-EW730Z

<https://oc.connect.panasonic.com/nz/en/products/projectors/pt-ew730z>

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| <b>Brightness</b>                                   | 7,000 lumens (LAMP POWER: AUTO/NORMAL, Dynamic mode, Standard lens)   |
| <b>Resolution</b>                                   | 1,280 x 800 pixels  |
| <b>Power Supply</b>                                 | 100-240 V AC, 50/60 Hz  |
| <b>Power Consumption</b>                            | 575 W (0.3 W with STANDBY MODE set to ECO, 10 W with STANDBY MODE set to NORMAL, 37 W with in STANDBY MODE of Audio Setting set to on.)   |
| <b>Optical System</b>                               | Dichroic mirror separation/prism synthesis system   |
| <b>LCD Panel Panel Size</b>                         | 19.0 mm (0.75 inches) diagonal (16:10 aspect ratio)   |
| <b>LCD Panel Display Method</b>                     | Transparent LCD panel (x 3, R/G/B)  |
| <b>LCD Panel Pixels</b>                             | 1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels  |
| <b>LCD Panel Pixel Configuration</b>                | Stripe  |
| <b>Lens</b>   | Powered zoom/focus lens (1.7-2.8:1), F 1.7-2.3, f 26.9-45.4 mm Optional powered zoom/focus lenses and fixed-focus lens  |
| <b>Lamp</b>   | 400 W UHM lamp  |
| <b>Screen Size</b>                                  | 1.02 - 10.16 m (40 - 400 inches), 16:10 aspect ratio (1.52 - 10.16 m (60 - 400 inches) with the ET-ELW22 (16:10 aspect ratio))  |
| <b>Center-to-Corner Uniformity</b>                  | 90%   |
| <b>Contrast</b>                                     | 5,000:1 (full on/full off, LAMP POWER: AUTO, Iris on, Dynamic mode)   |
| <b>Scanning Frequency (Display Port/HDMI/DVI-D)</b> | fH: 15-100 kHz, fV: 24-120 Hz, dot clock: 25 MHz-162 MHz (VGA: 640 x 480 pixels to WUXGA: 1,920 x 1,200 pixels, VESA CVT-RB compliant, compatible with HDCP)  |
| <b>Scanning Frequency (RGB)</b>                     | fH: 15-100 kHz, fV: 24-120 Hz, dot clock: up to 162 MHz   |
| <b>Scanning Frequency YPBPR (YCBCR)</b>             | 480i(525i): fH 15.73 kHz; fV 59.94 Hz, 576i(625i): fH 15.63 kHz; fV 50 Hz, 480p(525p): fH 31.47 kHz; fV 59.94 Hz, 576p(625p): fH 31.25 kHz; fV 50 Hz, 720(750)/60p: fH 45.00 kHz; fV 60 Hz, 720(750)/50p: fH 37.50 kHz; fV 50 Hz, 1080(1125)/60i: fH 33.75 kHz; fV 60 Hz, 1080(1125)/50i: fH 28.13 kHz; fV 50 Hz, 1080(1125)/25p: fH 28.13 kHz; fV 25 Hz, 1080(1125)/24p: fH 27.00 kHz; fV 24 Hz, 1080(1125)/24sF: fH 27.00 kHz; fV 48 Hz, 1080(1125)/30p: fH 33.75 kHz; fV 30 Hz, 1080(1125)/60p: fH 67.50 kHz; fV 60 Hz, 1080(1125)/50p: fH 56.25 kHz; fV 50 Hz |
| <b>Scanning Frequency (Video/YC)</b>                | fH: 15.73 kHz, fV: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60]; fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM]   |
| <b>Optical Axis Shift</b>                           | Vertical: ±60% (±50% with the ET-ELW22.) (powered), Horizontal: ±10% (powered); NOTE: Optical axis shift function cannot be operated when used with the ET-ELW21.   |
| <b>Keystone Correction Range</b>                    | Vertical: ±40° (with vertical correction only) Horizontal: ±30° (with horizontal correction only)   |
| <b>Installation</b>                                 | Ceiling/floor, front/rear   |
| <b>Built-in Speaker Size</b>                        | 3.7 cm (1-15/32 inches) (round) x 1   |
| <b>Built-in Speaker Output Power</b>                | 10 W (monaural)   |
| <b>Terminals Display Port In</b>                    | DP-20P x 1, HDCP compatible; 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p; VGA(640 x 400) - WUXGA(1,920 x 1,200); Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)  |
| <b>Terminals HDMI In</b>                            | HDMI 19-pin x 1, Deep Color, HDCP compatible; 480i(525i), 576i(625i), 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p; VGA(640 x 400) - WUXGA(1,920 x 1,200); Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)   |
| <b>Terminals DVI-D In</b>                           | DVI-D 24-pin x 1, DVI 1.0 compliant, compatible with HDCP, compatible with single link only 480i(525i), 576i(625i), 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p; VGA(640 x 400) - WUXGA(1,920 x 1,200)  |
| <b>Terminals RGB 1 In</b>                           | D-sub HD 15-pin (female) x 1  |
| <b>Terminals RGB 1 In R, G, B</b>                   | R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative)   |
| <b>Terminals RGB 1 In Y, PB (CB), PR (CR)</b>       | Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms; NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.  |
| <b>Terminals RGB 2 In</b>                           | BNC x 5 (RGB/YPBPR/YCBCR x 1)   |
| <b>Terminals RGB 2 In R, G, B</b>                   | R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative); NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals.   |
| <b>Terminals RGB2 In Y, PB (CB), PR (CR)</b>        | Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms  |
| <b>Terminals RGB 2 In S-Video In</b>                | Y: 1.0 Vp-p; C: 0.286 Vp-p, 75 ohms   |
| <b>Terminals Video In</b>                           | PIN Jack x 1, 1.0 Vp-p, 75 ohms   |
| <b>Terminals Monitor Out</b>                        | D-sub HD 15-pin (female) x 1 R: 0.7 Vp-p, 75 ohms; G: 0.7 Vp-p (1.0 Vp-p for sync on G), 75 ohms; B: 0.7 Vp-p, 75 ohms; HD/VD, SYNC: high impedance, TTL (positive/negative)  |
| <b>Terminals Monitor Out Y, PB (CB), PR (CR)</b>    | Y: 1.0 Vp-p (including sync signal); PB (CB), PR (CR): 0.7 Vp-p, 75 ohms  |
| <b>Terminals Audio In</b>                           | M3 (L, R) x 1, 0.5 Vrms, input impedance: 22 kilohms or more; M3 (L, R) x 1, 0.5 Vrms, input impedance: 22 kilohms or more; PIN Jack (L, R) x 2, 0.5 Vrms, input impedance: 22 kilohms or more  |

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| <b>Terminals Variable Audio Out</b>      | M3 (L, R) x 1 (monitor out: 0 - 2.0 Vrms, variable)   |
| <b>Terminals Serial In</b>               | D-sub 9-pin (female) x 1, for external control (RS-232C compliant)  |
| <b>Terminals Remoter 1 In</b>            | M3 jack x 1 for wired remote control  |
| <b>Terminals Remoter 2 In</b>            | D-sub 9-pin (female) x 1, for external control (parallel)   |
| <b>Terminals LAN/DIGITAL LINK</b>        | RJ-45 x 1 for network and DIGITAL LINK (video/network/serial control) connection, 100Base-TX, compliant with PJLink™ (class 1), Deep Color, compatible with HDCP, 480i(525i), 576i(625i), 480p(525p), 576p(625p), 720(750)/60p, 720(750)/50p, 1080(1125)/60i, 1080(1125)/50i, 1080(1125)/25p, 1080(1125)/24p, 1080(1125)/24sF, 1080(1125)/30p, 1080(1125)/60p, 1080(1125)/50p; VGA(640 x 400) - WUXGA(1,920 x 1,200), dot clock: 25 MHz-162 MHz; NOTE: Compatible with non-interlaced signals only. |
| <b>Power Cord Length</b>                 | 3.0 m (9 ft 10 in)  |
| <b>Cabinet Materials</b>                 | Molded plastic  |
| <b>Dimensions (W x H x D) PT-EZ730Z</b>  | 530 x 177 x 445 mm (20-7/8 x 6-31/32 x 17-17/32 inches) (with supplied lens)  |
| <b>Dimensions (W x H x D) PT-EZ730ZL</b> | 530 x 177 x 385 mm (20-7/8 x 6-31/32 x 15-5/32 inches) (without lens)   |
| <b>Weight PT-EZ730Z</b>                  | Approx. 10.6 kg (23.4 lbs) (with supplied lens)   |
| <b>Weight PT-EZ730ZL</b>                 | Approx. 9.8 kg (21.6 lbs) (without lens)  |
| <b>Operation Noise</b>                   | 37 dB (LAMP POWER: NORMAL), 31 dB (LAMP POWER: ECO 1), 29 dB (LAMP POWER: ECO 2)  |
| <b>Operating Temperature</b>             | 0°C - 45°C (32°F - 113°F)   |
| <b>Operating Humidity</b>                | 10% - 80% (no condensation)   |
| <b>Technology</b>                        | LCD Projector   |