

Compact and Lightweight Multi-Purpose Projectors Offer Flexibility and Economy

PT-EX620

LCD, 6200 lumens, XGA, Digital Link, 10000:1, up to 15000 hours maintenance free



LCD Projectors
PT-EZ590/EW650/EX620/EW550/EX520
PT-EZ590L/EW650L/EX620L/EW550L/EX520L



KEY FEATURES

- LCD, 6200 lumens, XGA
- High brightness in compact and lightweight body
- Dust resistant cabinet and up to 15 000 hours maintenance free Eco Filter
- Powered with lens-shift and a wide range of optional lenses
- 10,000:1 contrast ratio (in high contrast mode)

Excellent Picture Quality

- High brightness of up to 6,200 lm from a compact body
- Dynamic 10,000:1 contrast performance with iris
- High resolution up to XGA for detailed full HD images

- Daylight View Basic function ensures clear and vivid image quality in bright environments
- DICOM simulation mode^{*1} for medical presentations
- Color Adjustment function to correct color variations in multi-projector applications

SPECIFICATIONS

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| Power Supply | AC100 - 240V 5.3 - 2.1A 50Hz/60Hz |
| Power Consumption | 461W |
| Power Consumption Standby Mode (Eco) | 0.5W, 0.3W (Taiwan) |
| Power Consumption Standby Mode (Normal) | 12W |
| Power Consumption Standby Mode (Normal and Audio Monitor Out) | 30W |
| BTU Value | Max 1,573 BTU |
| LCD Panel Panel Size | 16.0 mm (0.63 in) diagonal (4:3 aspect ratio) |
| LCD Panel Display Method | Transparent LCD panel (x 3, R/G/B) |
| LCD Panel Drive Method | Active matrix |
| LCD Panel Pixels | 786,432 (1,024 x 768) x 3, total of 2,359,296 pixels |
| Lens | Powered zoom (throw ratio 1.32-2.44:1), powered focus, F 1.6-2.2, f 17.1-31.7 mm |
| Lamp | 320 W UHM lamp Lamp replacement cycle 4,000 hours (lamp power: Normal), 5,000 hours (lamp power: Eco) This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. |
| Screen Size | 1.02- 10.16 m (40-400 inches) (4:3 aspect ratio) |
| Brightness | 6,200 lumens (Lamp power: Normal, Dynamic mode, Iris off, Daylight View:off, Auto Power Save:off) |
| Center-to-Corner Uniformity | 90% |
| Contrast | 10,000:1 (Lamp power: Normal, Dynamic mode, Iris on, Daylight View:off, Auto Power Save:off) |
| Resolution | 1,024 x 768 pixels |
| Scanning Frequency HDMI/DIGITAL LINK | fH: 15- 90kHz, fV: 24 - 100Hz, dot clock: 25 - 162 MHz |
| Scanning Frequency RGB | fH: 15- 90kHz, fV: 24 - 100Hz, dot clock: 162 MHz or lower |
| Scanning Frequency YPBPR (YCBCR) | 525i (480i): fH15.73 kHz; fV59.94 Hz, 625i (576i): fH15.63 kHz; fV50 Hz, 525p (480p): fH31.47 kHz; fV60 Hz, 625p (576p): fH31.25 kHz; fV50 Hz, 750 (720)/60p: fH45.00 kHz; fV60 Hz, 750 (720)/50p: fH37.50 kHz; fV50 Hz, 1125 (1080)/60i: fH33.75 kHz; fV60 Hz, 1125 (1080)/50i: fH28.13 kHz; fV50 Hz, 1125 (1080)/25p: fH28.13 kHz; fV25 Hz, 1125 (1080)/24p: fH27.00 kHz; fV24 Hz, 1125 (1080)/24sF: fH27.00 kHz; fV48 Hz, 1125 (1080)/30p: fH33.75 kHz; fV30 Hz, 1125 (1080)/60p: fH67.50 kHz; fV60 Hz, 1125 (1080)/50p: fH56.25 kHz; fV50 Hz |
| Scanning Frequency Video/S-Video | fH: 15.75 kHz, fV: 59.94 Hz [NTSC/NTSC4.43/PAL-M/PAL60] fH: 15.63 kHz, fV: 50 Hz [PAL/PAL-N/SECAM] |
| Keystone Correction Range | Vertical $\pm 25^\circ$, horizontal $\pm 30^\circ$ |
| Optical Axis Shift | Vertical: $\pm 50\%$ (powered) Horizontal: $\pm 30\%$ (powered) |
| Installation | Ceiling/* loor, front/rear |
| Speaker | 4.0 cm (19/16 in) (monaural) x 1 |
| Terminals HDMI In 1/HDMI In 2 HDMI 19-Pin x2 | eep Color, compatible with HDCP, Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) |

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|--|---|
| Terminals DIGITAL LINK In | RJ45 x 1 (HDBase™ compatible), Deep Color, compatible with HDCP, Audio signal: linear PCM (sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) |
| Terminals RGB 1 In | BNC x 5 |
| Terminals RGB 1 In R, G, B | 0.7 Vp-p, 75 ohms, (G: 1.0 Vp-p, 75 ohms for sync on G) HD/VD, SYNC: TTL, high impedance, positive/negative automatic |
| Terminals RGB 1 In Y, PB, PR (Y, CB, CR) | Y : 1.0 Vp-p (including sync signal), P BPR(CBCR): 0.7 Vp-p,75 ohms |
| Terminals RGB 1 In Y/C | Y: 1.0 Vp-p (including sync signal), C: 0.286 Vp-p,75 ohms |
| Terminals RGB 2 In | Dsub HD 15pin (female) x 1 |
| Terminals RGB 2 In R, G, B | 0.7 Vp-p,75 ohms, (G: 1.0 Vp-p,75 ohms for sync on G) HD/VD, SYNC: TTL, high impedance, positive/negative automatic NOTE: SYNC/HD and VD terminals do not accept tri-level sync signals. |
| Terminals RGB 2 In Y, PB, PR (Y, CB, CR) | Y: 1.0 Vp-p (including sync signal), PBPR(CBCR): 0.7 Vp-p,75 ohms |
| Terminals Video In | Pin jack x 1, 1.0 Vp-p,75 ohms |
| Terminals Monitor Out | D-sub HD 15pin(female) x 1 |
| Terminals Monitor Out R, G, B | 0.7 Vp-p,75 ohms, (G: 1.0 Vp-p,75 ohms for sync on G) HD/VD, SYNC: TTL, high impedance, positive/negative automatic |
| Terminals Monitor Out Y, PB, PR | Y: 1.0 Vp-p (including sync signal), PBPR: 0.7 Vp-p,75 ohms |
| Terminals Audio In 1/Audio In 2 | M3 x 2, 0.5 Vrms, input impedance: 22 kilohms or more |
| Terminals Audio In 3 | Pin jack(L, R) x 1, 0.5 Vrms, input impedance: 22 kilohms or more |
| Terminals Variable Audio Out | M3 x 1 (monitor out, stereo) 0-2.0 Vrms, variable, output impedance: 2.2 kilohms or less |
| Terminals Serial In | D-sub 9 p x 1, for external control (RS232C compliant) |
| Terminals Remoter 1 In | D-sub 9-pin (female) x1, for external control (parallel) |
| Terminals Remoter 2 In | M3 jack x 1 for wired remote control |
| Terminals LAN | RJ45 x 1 for network connection 10BaseT/100Base-TX, compatible with Art-Net,PJLink™(Class 1) |
| Terminals Wireless | USB Type A x 1, for wireless projection with optional dongle (ET-WML100) |
| Terminals DC Out | USB Type A x 1, for power supply (DC5 V, max 900 mA) |
| Power Cord Length | 3.0 m (9 ft10 in) |
| Cabinet Materials | Molded plastic |
| Dimensions (W x H x D) | 498 x 145 x 398.3mm (19-19/32 x 5-11/16 x 15-11/16 in) with supplied lens |
| Weight | Approx. 8.4kg (18.5lbs) |
| Operating Noise | 29 dB (Silent), 35 dB (Normal/Eco) |
| Operating Environment Operating Temperature | 0-45 °C (32-113 °F) |
| Operating Environment Operating Humidity | 20%-80% (no condensation) |
| Technology | LCD |

URL: https://business.panasonic.pl/systemy-wizualne/PT-EX620/comapct_and_lightweight_projector

CONTACT

Web: <https://business.panasonic.pl/systemy-wizualne/contact-us>