



Step Out of the Shadows with Flexible WXGA Short-Throw Laser Projection

PT-TMW380

Key Features

Project Anywhere Instantly from Short Distances

Efficient Reliability with Minimal Maintenance

Crisp, Sharp Images and Text at WXGA

PT-TMW380

<https://eu.connect.panasonic.com/d/en/products/projectors/pt-tmw380>

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|---|--|
| LCD Panel Pixels | 1,024,000 (1280 x 800) pixels |
| Light Output*1 *2 | 3,800 lm |
| Time until light output declines to 50 %*3 | 20,000 hours (NORMAL/QUIET)/24,000 hours (ECO) |
| Resolution | WXGA (1280 x 800 pixels) |
| Digital Zoom Extender *4 | Throw ratio: 0.43–0.54:1*5 (Corresponding value) |
| Power Consumption*9 Maximum power consumption | 230 W |
| Power Consumption*9 On-mode power consumption (Light Power) | [NORMAL]: 205 W (100–240 V), 195 W (200–240 V)[ECO]: 155 W (100–240 V), 145 W (200–240 V)[QUIET]: 150 W (100–240 V), 145 W (200–240 V) |
| Note | *1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped. *2 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]. *3 Around this time, light output will have decreased to approximately 50 % of its original level ([PICTURE MODE]: [DYNAMIC], [DYNAMIC CONTRAST] set to [2], temperature 30 °C (86 °F), elevation 700 m (2,297 ft) with 0.15 mg/m ³ of particulate matter). Estimated time until light output declines to 50 % varies depending on environment. *4 Resolution decreases when using this function. V/H Keystone Correction and curved-screen correction are not available when using this function, and range of corner adjustment is limited. *5 When Digital Zoom Extender is set to 80 %. *6 4K signals are converted to the projector's resolution upon projection. *7 Depending on the connected CEC command-compatible device, the link control may not operate normally. *8 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready. *9 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 °C (77 °F) operating temperature at an altitude of 700 m (2,297 ft). *10 Filter cleaning cycle varies depending on environment. Filter can be washed and reused up to two times. Filter cleaning cycle: 20,000 hours (under dust conditions of 0.08 mg/m ³), 10,000 hours (under dust conditions of 0.15 mg/m ³). *11 Average value. May differ depending on the actual unit. *12 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. When optional AJ-WM50 Series Wireless Module is attached, operating temperature range becomes 0–40 °C (32–104 °F). *13 When using Presenter Light Software, images are projected with 1280 x 800 dots or 1024 x 768 dots onto the screen. Also, your PC display resolution may be forcibly changed, and audio playback disrupted or become noisy, while images and sound are being transmitted. *14 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). |
| Projector type | LCD projectors |
| LCD Panel Panel Size | 16.3 mm (0.64 in) diagonal (16:10 aspect ratio) |
| Light Source | Laser diodes |
| Contrast Ratio*1 | 3,000,000:1 (Full On/Full Off) (When [PICTURE MODE] is set to [DYNAMIC] and [DYNAMIC CONTRAST] is set to [1].) |
| Screen Size (Diagonal) | 1.27–2.67 m (50–105 in), 16:10 aspect ratio |
| Center-to-corner zone ratio*1 | 85 % |
| Lens | Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.43:1 (Projection distance: 0.73 m [2.40 ft] for 80-inch image) |
| Keystone Correction Range | Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual) |
| Terminals HDMI 1/2 IN | HDMI 19-pin x 2 (Compatible with HDCP 1.4, Deep Color, 4K/30p*6 signal input), CEC supported*7 |
| Terminals Computer 1 In | D-sub 15-pin (female) x 1 (RGB/YBPBR/YCBCR) |
| Terminals Computer 2 In | D-sub 15-pin (female) x 1 (RGB/YBPBR/YCBCR) |
| Terminals AUDIO 1/2 IN | M3 stereo mini-jack x 2 |
| Terminals Serial In | D-sub 9-pin (female) x 1 for computer control (RS-232C compliant) |
| Terminals LAN | RJ-45 x 1 for network control, 10Base-T, 100Base-TX |
| Terminals USB (VIEWER/WIRELESS/DC OUT) | USB connector (Type A) x 1 for Memory Viewer function, optional AJ-WM50 Series Wireless Module, power supply (DC 5 V, maximum 2 A*8) |
| Power Supply | AC 100 V–240 V, 50/60 Hz |
| Built in Speaker | 10 W monaural |
| Filter*10 | Included (Estimated maintenance time: approx. 20,000 hours) |
| Operation noise*1 | 35 dB (NORMAL/ECO), 24 dB (QUIET) |
| Dimensions (W x H x D) | 349 mm x 138 mm x 370 mm (13 3/4" x 5 7/16" x 14 9/16") (with feet at shortest position) |
| Weight with supplied lens*11 | Approx. 4.9 kg (10.8 lbs) |
| Operating Environment | Operating temperature: 0–45 °C (32–113 °F)*12, operating humidity: 20–80 % (no condensation) |
| Applicable Software | Multi Monitoring & Control Software, Projector Network Setup Software, Logo Transfer Software, Presenter Light Software for Windows®*13, Wireless Projector App for iOS/Android™*14 |
| Terminals Audio Out | M3 stereo mini-jack x 1 |
| Protocol versions | IPv4 |
| Control function via LAN | PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery |