# Panasonic
## CONNECT



**Revitalize Communication with 4,000-lm-class WXGA Portable Laser Projectors**

# PT-LMW460

4,000-lm-class SOLID SHINE Laser Projectors Revitalize Communication with WUXGA Images

## Key Features

Effortless Projection Anywhere, Anytime

Efficient, Reliable, and Cost-Effective

SOLID SHINE for Clear Images in Bright Light

| | |
|---|---|
| Digital Zoom Extender *4 | Throw ratio: 1.36–2.05:1*5 (Corresponding value. When used together with optical zoom.) |
| Operating Environment | Operating temperature: 0–45 ℃ (32–113 ℉)*12, Operating humidity: 20–80 % (no condensation) |
| Projector type | LCD projectors |
| LCD Panel \| Panel Size | 16.3 mm (0.64 in) diagonal (16:10 aspect ratio) |
| LCD Panel \| Pixels | 1,024,000 (1280 x 800) pixels |
| Light Source | Laser diodes |
| Light Output*1 *2 | 4,600 lm |
| Time until light output declines to 50 %*3 | 20,000 hours (NORMAL/QUIET)/24,000 hours (ECO) |
| Resolution | WXGA (1280 x 800 pixels) |
| 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) | 0.76–7.62 m (30–300 in), 16:10 aspect ratio |
| Center-to-corner zone ratio*1 | 85 % |
| Lens | 1.2x manual zoom (throw ratio: 1.36–1.64:1), manual focus lens, F 1.61–1.76, f 19.1–23.0 mm |
| Keystone Correction Range | Vertical: ±35 ° (Auto, Manual), Horizontal: ±35 ° (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/YPBPR/YCBCR) |
| Terminals \| Computer 2 In | D-sub 15-pin (female) x 1 (RGB/YPBPR/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 |
| 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) |
| 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 105 mm x 309 mm (13 3/4˝ x 4 1/8˝ x 12 5/32˝ ) (with feet at shortest position) |
| Weight with supplied lens*11 | Approx. 4.2 kg (9.26 lbs) |
| 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 |
| 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 ℃ (86 ℉), elevation 700 m (2,297 ft) with 0.15 mg/m3 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 Correctionand 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 theconnected 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 ofnotation all comply with ISO/IEC 21118: 2020 international standards. On-mode power consumption measured at 25 ℃ (77 ℉) operating temperature at an altitude of 700 m (2,297 ft). *10 Filter cleaning cycle varies depending on environment. Filtercan 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). *11 Average value. May differ depending on the actual unit. *12 Light output islimited at operating temperatures higher than 30 ℃ (86 ℉), 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 becomes0–40 ℃ (32–104 ℉). *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, whileimages 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). |
| Terminals \| Audio Out | M3 stereo mini-jack x 1 |
| Protocol versions | IPv4 |
| Control function via LAN | PJLink™ [Class 2], Crestron Connected™, AMX Device Discovery |