

## 6,000 Im compact and costefficient LCD laser portable projector

PT-VMZ60

Designed for education and corporate environments. 6,000 lumens WUXGA, 20.000 hours maintenance free









## **KEY FEATURES**

- · Laser LCD, 6,000 lumens, WUXGA
- Long lasting laser light source provides consistent brightness and 20,000 hours maintenance free operation
- A 1.09:1 throw-ratio and a wide horizontal and vertical lens-shift allow to create large images even in small spaces
- Support 4K and 30p signal input, making the range a futureproofed solution to projecting the latest image quality and content.
- · Optional Wireless projection capability

5,000 lm compact and cost-efficient LCD laser projector, designed for long-Lasting brightness and easy installation for education and corporate environments.

## The world's smallest and lightest\*1 compact design with long and reliable operation

The VMZ series uses Panasonic's unique cooling technology, making it the world's smallest and lightest\*1 laser projector range in its lumens category. With a weight of less than 7.2kg (15.87 lbs), the compact body will fit into any room.

The laser light-source sustains bright images for 20,000 hours, eliminating the replacement hassles and maintenance costs associated with conventional lamps.



## **SPECIFICATIONS**

| Resolution         1809 a 1800 pains           Checknology         Case LDD           Light output*1         600 formers           LCD panel   Panel size (mm)         400 formers           LCD Panel   Panel size (mm)         400 formers           LCD Panel   Panel size (mm)         400 formers           LCD Panel   Panel S         400 formers           Contract-Control         400 formers           Contract-Control         400 formers           Contract-Control         400 formers         400 formers           Contract   Panel S<  |   |  |
|--|---|--|
| Light output*1         6.000 humans           LCD panel   Panel size (mm)         1.00 mm (aligner) (1810 aspect ratio)           LCD panel   Panel size (mm)         0.64 finch diagonal (1810 aspect ratio)           LCD Panel   Dipsiy Method         7.00 min (aligner)           LCD Panel   Dipsiy Method         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           LCD Panel   Dipsiy Method         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           LCD Panel   Dipsiy Method         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           LOR         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           Lors         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           Lors         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           Command (1900 x.9)         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           Command (1900 x.9)         2.00 Accord (1800 × 1300) x.8, losted of 0.912.000 planes           Command (1900 x.9)         2.00 Accord (1800 x.9)           Command (1900 x   | Resolution  | 1920 x 1200 pixels   |
| LCD panel   Panel size (mm)         16 mm diagonal (16.10 aspect ratio)           LCD Panel   Display Method         0.04 inch diagonal (16.10 aspect ratio)           LCD Panel   Display Method         Active matrix           LCD Panel   Display Method         Active matrix           LCD Panel   Pixele         2,904,000 (1992 x 1200) x 3, total of 6,912,000 pixels           Lons         1.0 x Manual zoom (hrrow ratio 109-1.77-1), F = 1,60-2.12, f = 15-30-2464 mm           Ught Source         2.00 x 1,610 aspect ratio           Screen size (diagonal) (mm)         0.76 - 7,62 m, 16-10 aspect ratio           Contract*         85%           Contract*         80,000 (1,61 withheal black) (more signals PCL/IGHT POWER SANCHAL) PICTURE MODE DYNAMIC DAY/LIGHT WIBW-OFF, DYN   | Technology  | Laser LCD  |
| LCD panel   Panel size (rich)         0.84 rich diagonal (1610 asport ratio)           LCD Panel   Displey Method         7 temperant LCD panel (x 3, RiGR)           LCD Panel   Displey Method         Active matrix           LCD Panel   Pixels         2.94 x Morror (1810 x 1200 x 3, total of 8,012,000 poels           Lone         1.8 x Marual acom (throw ratio 1.09-1.77-1), F = 1.80-2.12, F = 15.90-24.84 mm           Lone         0.76 - 7.82 m, E 110 aspect ratio           Screen size (diagonal) (mch)         38 %           Contrast*1         80 %           Contrast*1         80 %           Contrast*1         900 x 120 x 1   | Light output*1  | 6 000 lumens   |
| LCD Panel   Display Method         Transparent LCD panel (±3, RO15)           LCD Panel   Pixels         Active matrix           Lons         1.8 Manual zoom (firtow ratio 1.09-1.77:1), F=1,80-2.12.1=15.30-24.84 mm           Light Source         Laser dode           Screen size (diagonal) (mm)         0.76 - 7.82 m. 16-10 aspect ratio           Screen size (diagonal) (mch)         85%           Contract-Corner Uniformity1         85%           Contract-Corner Uniformity1         85%           Contract-Corner Uniformity1         85%           Contract-To-Corner Uniformity2         85%           Contract-To-Cor   | LCD panel   Panel size (mm)                             | 16 mm diagonal (16:10 aspect ratio)  |
| LCD Panel   Drive Method  LCD Panel   Pixels   | LCD panel   Panel size (inch)                           | 0.64 inch diagonal (16:10 aspect ratio)  |
| LCD Panel   Pixels         2,004,000 (1920 x 1200) x 3, total of 6,912,000 pixels           Lens         1.6 x Manual zoom (throw ratio 1,09+1,77:1), F = 1,60-2.12, f = 1,50-24,64 mm           Light Source         Lear didde           Screen size (diagonal) (mm)         30-30 m. 16:10 aspect ratio           Center-to-Corner Uniformity*1         85 %           Contrast*1         30-300 m. 16:10 aspect ratio           Contrast*1         30-00,000.1 (all whitelial block) (input signate/PCLIGHT POWER SAVE-OFF)           Optical axis shift   Vertical (from center of screen)         0 % - 144 % (Manual)           Contrast*1         200 % - 2000,000.1 (all whitelial block) (input signate/PCLIGHT POWER SAVE-OFF)           Optical axis shift   Vertical (from center of screen)         0 % - 144 % (Manual)           Coptical axis shift   Vertical (from center of screen)         - 20% + 2000, (Manual)           Keystone correction range*2         Vertical: -25*, Horizontal: 435*           Installation         Horizontal (Minual Save)           Terminals   HOMI 1/2 IN         Hoff (Manual Save) x (Compatible with HDCP, Deep Coor, 44/30p signal input)           Terminals   LOMPUTER 2 IN / MONTOR OUT         M3 stero minipack x 2           Terminals   LOMPUTER 2 IN / MONTOR OUT         M3 stero minipack x 2           Terminals   LOMPUTER 2 IN / MONTOR OUT         M3 stero minipack x 2           Terminals   LOMPUTER 2 I  | LCD Panel   Display Method                              | Transparent LCD panel (x 3, R/G/B)   |
| Lens         1.6 x Manual zoom (hrow ratio 1.09+1.77:1), F − 1.60-2.12; 1− 15.90-24.84 mm           Light Source         Laser diade           Scroen size (diagonal) (mm)         0.76 - 7.82 m, 16:10 aspect ratio           Content-to-Corner Uniformity*1         85 %           Contrast*1         200,000.1 (all virtical listed). Product signates. Pol. LIGHT Province Contrast*1           Contrast*1         200,000.1 (all virtical listed). Product signates. Pol. LIGHT VIRTICAL Province Contrast*1. AUTO POWER SAVE OFF)           Optical axis shift   Vertical (from center of screen)         0.95 - 4.44 % (Manual)           Optical axis shift   Vertical (from center of screen)         0.95 - 4.44 % (Manual)           Optical axis shift   Vertical (from center of screen)         0.95 - 4.09 % (Manual)           Ceystone correction range*2         Vertical -25% , Horizontal -135*           Installation         Horizontal (Vertical) free 380-degree installation           Terminals   Computer 1 in         Horizontal (Vertical) free 380-degree installation           Terminals   Computer 1 in         Pub 15-pin (female) x 1 (RGB.YPBPRYCBCR)           Terminals   Libror (Date of Vertical) from control (Vertical) free 380-degree installation           Terminals   Libror (Date of Vertical) from control (Vertical) free 380-degree installation           Terminals   Libror (Date of Vertical)  | LCD Panel   Drive Method                                | Active matrix  |
| Light Source  Screen size (diagonal) (mm)  O76 - 7.82 m. 18:10 aspect ratio  Screen size (diagonal) (mch)  30-300 in. 18:10 aspect ratio  Center-to-Corner Uniformity*1  85%  Contrast*1  Source (Magonal) (mch)  30-300 in. 18:10 aspect ratio  Source (Magonal) (mch)  30-300 in. 18:10 aspect ratio  Contrast*1  Source (Magonal) (mch)  30-300 in. 18:10 aspect ratio  Contrast*1  Source (Magonal) (mch)  Deptical axis shift   Vertical (from center of screen)  Oybrical axis shift   Vertical (from center of screen)  Oybrical axis shift   Vertical (from center of screen)  Oybrical axis shift   Horizontal (from center of screen)  Oybrical axis shift   Vertical (from center of screen)  Oybrical axis shift   | LCD Panel   Pixels                                      | 2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels                               |
| Screen size (diagonal) (mm)         0.76 - 7.62 m. 16:10 aspect ratio           Screen size (diagonal) (inch)         30 300 in. 16:10 aspect ratio           Centrac-Corner Uniformity*1         85 %           Contras*1*         300 00.00 (a) (a) whitefall black) (input signals-PCLIGHT POWER NORMAL, PICTURE MODE DYNAMIC DAYLIGHT WIEW/OFF, DYN  | Lens  | 1.6 x Manual zoom (throw ratio 1.09-1.77 :1), F = 1.60-2.12, f = 15.30-24.64 mm      |
| Screen size (dlagonal) (inch)         30 300 in 16:10 aspect ratio           Center-to-Corner Uniformity*1         85 %           Centrast*1         300,000-1 (all whiterall black) (input signals PCLIGHT POWER SAVE-OFF).           Optical axis shift   Vertical (from center of screen)         0 **-44 % (Manual)           Optical axis shift   Vertical (from center of screen)         -20% -4-20% (Manual)           Keystone correction range*2         Vertical: +25*, Hortzontal: +35*           Installation         Hortzontal/Vertical, free 360-degree installation           Terminals   HDMI 12 IN         HDMI 19-pin x 2 (Compatible with HDCP, Deep Cotor, 4K/30p signal input)           Terminals   Computer 1 in         0 **sub 15-pin (female) x 1 (RGBYPBPR/YCBCR)           Terminals   Video In         9 *sub 15-pin (female) x 1 (RGBYPBPR/YCBCR) (input/output switching)           Terminals   Video In         M3 stereo mini-jack x 2           Terminals   AUDIO 12 IN         9 *sub 5-pin (female) x 1 (RGBYPBPR/YCBCR) (input/output switching)           Terminals   Judio Out         M3 stereo mini-jack x 2           Terminals   Video In         4 *sub 5-pin (female) x 1 (RGBYPBPR/YCBCR) (input/output switching)           Terminals   Judio Out         M3 stereo mini-jack x 2           Terminals   Judio Out         M3 stereo mini-jack x 2           Terminals   Serial In         C sub 9-pin x 1 for computer control (108as-7, 1008as-7X, compatibl   | Light Source  | Laser diode  |
| Centra-to-Corner Uniformity'1         85 %           Contrast'1         2000.000-1 (all whiselial black) (input signalise PC_LIGHT POWER_SAYE_OFF_DYNAMIC_ONYLIGHT WIEW.OFF_DYNAMIC_ONYLIGHT WIEW.OFF_DYNAMIC_ONYLI  | Screen size (diagonal) (mm)                             | 0.76 - 7.62 m, 16:10 aspect ratio  |
| Contrast*1         3,000,000-1 (all whitefall black) (input signals PC,LIGHT POWERN-NDRIAM_PCTURE MODE DYNAMIC,DAYLIGHT WIEW-OFF,DYNAMIC CONTRAST-1.AUT D POWERS AVE-OFF)           Optical axis shift   Vertical (from center of screen)         0% - +44 % (Manual)           Optical axis shift   Hortzontal (from center of screen)         -20% - +20% (Manual)           Keystone correction range?         Vertical: ±25°, Hortzontal: ±35°           Installation         HOMI 9-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)           Terminals   DMI 12 IN         D sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)           Terminals   COMPUTER 2 IN / MONTOR OUT         D sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)           Terminals   Uddo in         Pin jack x 1           Terminals   JUDIO 12 IN         M3 steroo mini-jack x 2           Terminals   Variable Audio Out         M3 steroo mini-jack x 1           Terminals   Variable Audio Out         M3 steroo mini-jack x 1           Terminals   LAN         0 sub 9-pin x 1 for network control (168-282C compilant)           Terminals   DIGITAL LINKCLAN         10 sub 9-pin x 1 for network and DIGITAL LINK connection, HDBase-TW compilant, input           Terminals   USB CONNECTOR         USB connector (Type A) x 1 for Memory Viewer function, power supply (DCBV, maximum 2A'3), opinonal wireless module A1-WMSO           Power Supply         AC 100-240 V AC, 50/60 Hz           Power  | Screen size (diagonal) (inch)                           | 30-300 in, 16:10 aspect ratio  |
| POWERNORMAL PICTURE MODE: DYNAMIC DAYLIGHT WIEW-OFF, DYNAMIC CONTRAST: ALTO POWER SAVE-OFF)  Optical axis shift   Vertical (from center of screen) 0%-44% (Manual)  Optical axis shift   Horizontal (from center of screen) -20% -420% (Manual)  Keystone correction range*2 Vertical: £25°, Horizontal: £35° Installation Horizontal (Micro Enter of Screen) Horizontal/Vertical, free 380-degree installation  Terminals   HDMI 1:2 IN HDMI 1:9 in x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)  Terminals   COMPUTER 2 IN  | Center-to-Corner Uniformity*1                           | 85 %   |
| Optical axis shift   Horizontal (from center of screen)         -20%- +20% (Manual)           Keystone correction range*2         Vertical: ±25*, Horizontal: ±35*           Installation         Horizontal/Vertical, free 360-degree installation           Terminals   HDMI 12 IN         HDMI 19-pin x 2 (Compatible with HDCP, Deep Cotor, 4K/30p signal input)           Terminals   COMPUTER 2 IN / MONITOR OUT         D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)           Terminals   Video In         Pin jack x 1           Terminals   AUDIO 1/2 IN         M3 stereo mini-jack x 2           Terminals   Variable Audio Out         M3 stereo mini-jack x 1           Terminals   Serial In         D-sub 9-pin x 1 for computer control (RS-232C compliant)           Terminals   LAN         RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ (class 2)           Terminals   DIGITAL LINK/LAN         RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TTW compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input in put in   | Contrast*1  | POWER:NORMAL,PICTURE MODE:DYNAMIC,DAYLIGHT WIEW:OFF,DYNAMIC                          |
| Keystone correction range*2         Vertical: ±25*, Horizontal: ±35*           Installation         Horizontal/Vertical, free 360-degree installation           Terminals   HDMI 1/2 IN         HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)           Terminals   Computer 1 In         D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)           Terminals   COMPUTER 2 IN / MONITOR OUT         D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)           Terminals   AUDIO 1/2 IN         M3 stereo mini-jack x 2           Terminals   AUDIO 3 IN         M3 stereo mini-jack x 1           Terminals   Serial In         D-sub 9-pin x 1 for oneburd control (RS-232C compliant)           Terminals   Serial In         B-3-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)           Terminals   DIGITAL LINK/LAN         RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TW compliant, (Class 2), HDCP, Deep Color, 4K/30p signal input           Terminals   USB CONNECTOR         USB connector (Type A) x 1 for Memory Viewer function, power supply (DCSV, maximum 2A/3), optional wireless module AJ-WM50           Power Supply         AC 100-240 V AC, 50/80 Hz           Power Consumption         TBD           Built-in Speaker         10 W (monaural)           Operating noise*1         NORMAL: 38dB, QUIET: 27dB           Cabinet Materials         Molded plastic           Filter <t< td=""><td>Optical axis shift   Vertical (from center of screen)</td><td>0 % - +44 % (Manual)</td></t<>   | Optical axis shift   Vertical (from center of screen)   | 0 % - +44 % (Manual)   |
| Installation         Horizontal/Vertical, free 380-degree installation           Terminals   HDMI 1/2 IN         HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)           Terminals   Computer 1 In         D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)           Terminals   COMPUTER 2 IN / MONITOR OUT         D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)           Terminals   Video In         Pin jack x 1           Terminals   AUDIO 1/2 IN         M3 stereo mini-jack x 2           Terminals   AUDIO 3 IN         M3 stereo mini-jack x 1           Terminals   Serial In         D-sub 3-pin x 1 for computer control (RS-232C compliant)           Terminals   LAN         RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ (Class 2)           Terminals   DIGITAL LINK/LAN         RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TM compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input           Terminals   USB CONNECTOR         USB connector (Type A) x 1 for Memory Viewer function, power supply (DCSV, maximum 2A°3), optional wireless module AJ-WM50           Power Supply         AC 100-240 V AC, 50/60 Hz           Power Consumption         TBD           Bull-in Speaker         10 W (monaural)           Operating noise*1         NORMAL: 38dB, QUIET: 27dB           Cabinet Materials         Molded plastic           Filter         Filter  | Optical axis shift   Horizontal (from center of screen) | - 20% - +20% (Manual)  |
| Terminals   HDMI 1/2 IN  HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)  Terminals   COmputer 1 in  D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)  Peminals   COMPUTER 2 IN / MONITOR OUT  Terminals   Video in  Terminals   ADDIO 1/2 IN  M3 stereo mini-jack x 2  Terminals   ADDIO 1/2 IN  Terminals   ADDIO 3 IN  Terminals   Variable Audio Out  Terminals   Variable Audio Out  Terminals   Serial In  Terminals   Serial In  Terminals   LAN  Terminals   LAN  Terminals   DIGITAL LINK/LAN  Terminals   DIGITAL LINK/LAN  Terminals   DIGITAL LINK/LAN  Terminals   USB CONNECTOR  Terminals   USB CONNECTOR  Terminals   USB CONNECTOR  Terminals   USB CONNECTOR  Terminals   OPEN   OPEN   OPEN   OPEN    Terminals   OPEN   OPEN   OPEN    Terminals   OPEN   OPEN   OPEN    Terminals   OPEN   OPEN   OPEN    Terminals   USB CONNECTOR  Terminals   OPEN   OPEN   OPEN    Terminals   OPEN   OPEN   OPEN   OPEN   OPEN   OPEN    Terminal | Keystone correction range*2                             | Vertical: ±25°, Horizontal: ±35°   |
| Terminals   Computer 1 in  P-sub 15-pin (temale) x 1 (RGBYPBPR/YCBCR)  Terminals   COMPUTER 2 IN / MONITOR OUT  Terminals   Video In  Terminals   AUDIO 1/2 IN  M3 stereo mini-jack x 2  Terminals   AUDIO 3 IN  Terminals   AUDIO 3 IN  Terminals   Video In  Terminal  | Installation  | Horizontal/Vertical, free 360-degree installation                                    |
| Terminals   COMPUTER 2 IN / MONITOR OUT  Terminals   Video In Pin jack x 1  Terminals   AUDIO 1/2 IN M3 stereo mini-jack x 2  Terminals   AUDIO 3 IN Pin jack (L/R) x 1  Terminals   Variable Audio Out M3 stereo mini-jack x 1  Terminals   Serial In D-sub 9-pin x 1 for computer control (RS-232C compliant)  Terminals   LAN RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ (Class 2)  Terminals   DIGITAL LINK/LAN RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TM compliant, 10  | Terminals   HDMI 1/2 IN                                 | HDMI 19-pin x 2 (Compatible with HDCP, Deep Color, 4K/30p signal input)              |
| MONITOR OUT         Pin jack x 1           Terminals   Video In         Pin jack x 1           Terminals   AUDIO 1/2 IN         M3 stereo mini-jack x 2           Terminals   AUDIO 3 IN         Pin jack (L/R) x 1           Terminals   Variable Audio Out         M3 stereo mini-jack x 1           Terminals   Serial In         D-sub 9-pin x 1 for computer control (RS-232C compliant)           Terminals   LAN         BJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)           Terminals   USB CONNECTOR         USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A'3), optional wireless module AJ-WM50           Power Supply         AC 100-240 V AC, 50/60 Hz           Power Consumption         TBD           Built-in Speaker         10 W (monaural)           Operating noise*1         NORMAL: 38dB, QUIET: 27dB           Cabinet Materials         Molded plastic           Filter         Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)           Dimensions (W x H x D) (mm)         15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Terminals   Computer 1 In                               | D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR)  |
| Terminals   AUDIO 1/2 IN  Terminals   AUDIO 3 IN  Pin jack (L/R) x 1  Terminals   Variable Audio Out  M3 stereo mini-jack x 1  Terminals   Variable Audio Out  Terminals   Serial In  D-sub 9-pin x 1 for computer control (RS-232C compliant)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (class 2)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-TX compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p  |   | D-sub 15-pin (female) x 1 (RGB/YPBPR/YCBCR) (input/output switching)                 |
| Terminals   AUDIO 3 IN  Terminals   Variable Audio Out  M3 stereo mini-jack x 1  Terminals   Serial In  D-sub 9-pin x 1 for computer control (RS-232C compliant)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  USB CONNECTOR  USB CONNECTOR  AC 100-240 V AC, 50/60 Hz  Power Consumption  TBD  Built-in Speaker  10 W (monaural)  Operating noise*1  NORMAL: 38dB, QUIET: 27dB  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts) 15 23/32 x 5 1/4 x   | Terminals   Video In                                    | Pin jack x 1   |
| Terminals   Variable Audio Out  M3 stereo mini-jack x 1  Terminals   Serial In  D-sub 9-pin x 1 for computer control (RS-232C compliant)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-TX, compatible with PJLink™ (Class 2)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50  Power Supply  AC 100-240 V AC, 50/60 Hz  Power Consumption  TBD  Built-in Speaker  10 W (monaural)  Operating noise*1  NORMAL: 38dB, QUIET: 27dB  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts) 15 23/32 x 5 1/4 x  | Terminals   AUDIO 1/2 IN                                | M3 stereo mini-jack x 2  |
| Terminals   Serial In  D-sub 9-pin x 1 for computer control (RS-232C compliant)  Terminals   LAN  RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50  Power Supply  AC 100-240 V AC, 50/60 Hz  Power Consumption  Built-in Speaker  10 W (monaural)  Operating noise*1  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts) 15 23/32 x 5 1/4 x  | Terminals   AUDIO 3 IN                                  | Pin jack (L/R) x 1   |
| Terminals   LAN  RJ-45 x 1 for network control, 10Base-T, 100Base-TX, compatible with PJLink™ (Class 2)  Terminals   DIGITAL LINK/LAN  RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input  Terminals   USB CONNECTOR  USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50  Power Supply  AC 100-240 V AC, 50/60 Hz  Power Consumption  TBD  Built-in Speaker  10 W (monaural)  Operating noise*1  Cabinet Materials  Molded plastic  Filter  Including protructing particulate matter), 10,000 hours (0.18 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  Dimensions (W x H x D) (inch)  15 29/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Terminals   Variable Audio Out                          | M3 stereo mini-jack x 1  |
| Class 2)   Terminals   DIGITAL LINK/LAN RJ-45 x 1 for network and DIGITAL LINK connection, HDBase-T™ compliant, 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal input   Terminals   USB CONNECTOR USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50   Power Supply AC 100-240 V AC, 50/60 Hz   Power Consumption TBD   Built-in Speaker 10 W (monaural)   Operating noise*1 NORMAL: 38dB, QUIET: 27dB   Cabinet Materials Molded plastic   Filter Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)   Dimensions (W x H x D) (mm) 399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)   Dimensions (W x H x D) (inch) 15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x  | Terminals   Serial In                                   | D-sub 9-pin x 1 for computer control (RS-232C compliant)                             |
| Terminals   USB CONNECTOR       USB connector (Type A) x 1 for Memory Viewer function, power supply (DC5V, maximum 2A*3), optional wireless module AJ-WM50         Power Supply       AC 100-240 V AC, 50/60 Hz         Power Consumption       TBD         Built-in Speaker       10 W (monaural)         Operating noise*1       NORMAL: 38dB, QUIET: 27dB         Cabinet Materials       Molded plastic         Filter       Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)         Dimensions (W x H x D) (mm)       399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)         Dimensions (W x H x D) (inch)       15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Terminals   LAN   |  |
| maximum 2A*3), optional wireless module AJ-WM50  Power Supply  AC 100-240 V AC, 50/60 Hz  Power Consumption  TBD  Built-in Speaker  10 W (monaural)  Operating noise*1  NORMAL: 38dB, QUIET: 27dB  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (imm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Terminals   DIGITAL LINK/LAN                            | 100Base-TX, compatible with PJLink™ (Class 2), HDCP, Deep Color, 4K/30p signal       |
| Power Consumption  TBD  Built-in Speaker  10 W (monaural)  Operating noise*1  NORMAL: 38dB, QUIET: 27dB  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x  | Terminals   USB CONNECTOR                               |  |
| Built-in Speaker  10 W (monaural)  NORMAL: 38dB, QUIET: 27dB  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Power Supply  | AC 100-240 V AC, 50/60 Hz  |
| Operating noise*1  Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x  | Power Consumption                                       | TBD  |
| Cabinet Materials  Molded plastic  Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Built-in Speaker  | 10 W (monaural)  |
| Filter  Included Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x  | Operating noise*1                                       | NORMAL: 38dB, QUIET: 27dB  |
| Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours (0.15 mg/m3 of particulate matter)  Dimensions (W x H x D) (mm)  399 x 115 x 348 mm (Not including protruding parts)399 x 133 x 348 mm (With feet at shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Cabinet Materials                                       | Molded plastic   |
| shortest position)  Dimensions (W x H x D) (inch)  15 23/32 x 4 17/32 x 13 11/16 inch (Not including protruding parts)15 23/32 x 5 1/4 x   | Filter  | Filter cleaning cycle: 20,000 hours (0.08 mg/m3 of particulate matter), 10,000 hours |
|  | Dimensions (W x H x D) (mm)                             | `  |
|  | Dimensions (W x H x D) (inch)                           |  |



| Weight (kg)*4                   | Less than 7.2 kg  |
|---------------------------------|---|
| Weight (lbs.)*4                 | Less than 15.87 lbs.  |
| Operating environment ( /M)     | Operating temperature: 0 °C- 45 °C, operating humidity: 20 %-80 % (no condensation)   |
| Operating environment (°F/Feet) | Operating temperature: 32 °F -113 °F, operating humidity: 20 %-80 % (no condensation)   |
| Applicable software/application | Logo Transfer Software, Multi Monitoring & Control Software, Presenter Light for Windows®, Wireless Projector Apps for iOS/Android™   |
| Note                            | *1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2012 international standards. Value is average of all products when shipped.  *2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, NORMALMode, Dynamic Contrast [2], under conditions with 30 °C (86 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m3 of particulate matter. Estimated time until light output declines to 50 % varies depending on environment.  *3 On standby, power supply is available with Quick Startup set to ON or Power Management set to Ready.  *4 Average value. May differ depending on the actual unit. |