



5,200 lm PT-FRQ50 1-Chip DLP[™] 4K Projector Delivers Smooth, Detailed Images for an Insightful Visual Experience

PT-FRQ50

Compact 1-Chip DLP[™] Projectors Deliver Smooth, Detailed Images for an Insightful Visual Experience

Key Features

1-Chip DLP[™] laser projector, 5,200lm brightness

4K (3840 x 2160) output resolution, ideal for museum exhibitions, education, and corporate offices

2.0x zoom lens and wide V/H Lens Shift (V: +71 %, -48 %, H: +34 %, -27 %)

Preactivated upgrade kit for Geometry Manager Pro

Supports 240Hz/1080p high frame rate with minimal input-tooutput latency













PT-FRQ50

https://eu.connect.panasonic.com/cz /cs/projektory/pt-frq60-series/ptfrq50

Display method DLP TM chip x1, DLP TM projection system Display Device -> Namber of pixes 16.5 mm (0.65 in) diagonal (16.9 aspect ratio) Display Device -> Number of pixes 1920 x 1080 pixels(17 asjgnal other than 120 Hz/240 Hz is input, it cannot be of this resolution.) Light couput *1*2*3 5,200 im Light output declines to 50 %20.000 hours [NORMAL] - > NORMAL *5 5,400 im (Center) * NORMAL *6* * Time until light output declines to 50 %20.000 hours [NORMAL] - > NORMAL *5* S,200 im Time until light output declines to 50 %20.000 hours [QUIET] - > OUT*6* Resolution Resolution 4K (3840 x 2160 pixels) (Wth Quad Pixel Drive) Contrast Ratio (typ.) *3 20,000:1 (Full On/Full Off(When [PICTURE MODE] is set to [DYNAMIC] and [DYI CONTRAST] is set to [1). HDMI signal input) Screen size (diagonal) 1.02~7.52 m (40-300 in). 16:9 aspect ratio Center-to-corner zone ratio *3 90% Lens shift -> Vertical(from center of *71 %, 48 % (manual) of screen.) - Lens shift -> Vertical(from center of *24 %, -27 % (manual) of screen.) Celling/100; front/read; free 360-degree installation	
Display Device -> Number of pixels 1920 x 1080 pixels(if a signal other than 120 Hz/240 Hz is input, it cannot be of this resolution.) Light courput *1*2*3 5,200 Im Light output (ht xs) 5,200 Im Light output (ht xs) 5,200 Im Light output (ht xs) 5,200 Im Light output declines to 50 %20,000 hours [NORMAL] 5,200 Im > NORMAL *6 5 Time until light output declines to 50 %20,000 hours [CCO] 5 >> Co *6 5 Time until light output declines to 50 %20,000 hours [QUIET] 20,0001 (full On/Yull OT/When [PICTURE MODE] is set to [DYNAMIC] and [DYI CONTRAST] is set to [1]. HDMI signal input) Screen Size (diagona) 1.02-7.62 m (40-300 in), 16:9 aspect ratio Center-to-correr zone ratio *3 90% Lens shift -> Vertical(from center of +71 %, -48 % (manual) 5 of screen) 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F 2.0-3.4, f 21.5-43 Lens shift -> Vertical(from center of +71 %, -48 % (manual) 5 of screen) 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F 2.0-3.4, f 21.5-43 Lens shift -> Vertical(from center of +71 %, -48 % (manual) 5 of screen) 5 5.000 Everene) Vertical: ±40 °, Horizontal	
Light source Laser diodes Light coupur i ¹¹ 2 ²³ 5,200 lm Light coupur i ¹² s ¹² 5,400 lm (Center) fme until light coupur declines to 50 %20,000 hours [NORMAL] -> NORMAL ¹⁶ Time until light coupur declines to 50 %20,000 hours [QUIET] -> QUIET ¹⁶ Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) CONTRAST Ratio (typ.) ¹³ 20,000 ⁻¹ (Full Onr/Full Orf)(When [PICTURE MODE) is set to [DYNAMIC] and [DYI CONTRAST Ratio (typ.) ¹³ 20,000 ⁻¹ (Full Onr/Full Orf)(When [PICTURE MODE) is set to [DYNAMIC] and [DYI CONTRAST Ratio (typ.) ¹³ 20,000 ⁻¹ (Full Onr/Full Orf)(When [PICTURE MODE) is set to [DYNAMIC] and [DYI CONTRAST Ratio (typ.) ¹³ 20,000 ⁻¹ (Full Onr/Full Orf)(When [PICTURE MODE) is set to [DYNAMIC] and [DYI CONTRAST Ratio (typ.) ¹³ 20,000 ⁻¹ (Full Onr/Full Orf)(When [PICTURE MODE) is set to [DYNAMIC] and [DYI CONTRAST lis set to [1.1 HDMI signal input) Screens zize (diagonal) 1.02 ⁻⁷ ,62 m (40-300 in), 16-9 aspect ratio Center-to-corner zone ratio ¹³ 90% Lens shift-> Vertical(from center of +71 %, -48 % (manual) screen) Keystone correction range Vertical: ±40 ⁻⁹ , Horizontal: ±20 ⁻⁹ Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI TM IN HDMI TM 19-pin x2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpu supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO OIV(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> AUDIO OIV(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> AUDIO OIV(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> LAN R, ¹ / ₂ 45 x1 for network and DIGTAL LINK connection, (MdeO/networkserial contro (HDBaseT TM compilant), 100Base-TX (Compatible with PJlint ^{XII} (Class 2), Art-Ne 2.3, Deep Color, 4K/60p signal Input'7, Extron XTR®) Terminals -> LAN R; ¹ / ₂ 45 x1 for network conne	
Light output *1*2*3 5,200 lm Light output (ANS) *4 5,200 lm Light output (Center) *5 5,400 lm (Center) Time until light output declines to 50 %20,000 hours [NORMAL] > NORMAL *6 Time until light output declines to 50 %20,000 hours [CC] > QUET *5 QUET *5 Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) Contrast Ratio (typ.) *3 20,000:1 (Full On/Full Off/When [PICTURE MODE] is set to [DYNAMIC] and [DY CONTRAST] is set to [1]. HDMI signal input) Screen size (diagonal) 1.02-7.62 m (40-300 in), 16:9 aspect ratio Center-to-corner zone ratio *3 90% Lens shift -> Vertical(from center of +71 %, -48 % (manual) screen) Lens shift -> Vertical(from center of +71 %, -48 % (manual) of screen) Lens shift -> Vertical(from center of +71 %, -48 % (manual) of screen) Lens shift -> Vertical(from center + 34 %, -27 % (manual) of screen) Keystone correction range Vertical: ±40 °, Horizontal (*DP 2.3, Deep Color, 4K/60p signal input supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO OIN(M3 Stereo Mini Jack) Terminals -> AUDIO OIN(M3 Stereo Mini Jack) Terminals -> AUDIO OIN(M3 Stereo Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (M5-232, Compliant) Terminals -> AUDIO OIN(M3 Stereo Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for optional AJ-WM50 Series Wireless Adouble, for U 2, Art-Nett) 2, Art-Nett) Terminals -> LAN RJ-45 x 1 for network and DIGTAL LINK connection (video/network/serial control (HD8aseT TM compliant), 1008ase-TX (Compatible with PJLinK TM (Class 2), Art-Nett) 2, Art-Nett) Terminals -> LAN RJ-45 x 1 for network connection, 108ase-TX (Compatible with PJLinK TM (Class 2), Art-Nett) 2, Art-Nett) Terminals -> LAN RJ-45 x 1 for network connection, 108ase-TX (Compatible with PJLinK TM (Class 2), Art-Nett) Controde power (DORMAL] 420 W	displayed at
Light output (ANSI) *4 5,200 lm Light output (Center) *5 5,400 lm (Center) Time until light output declines to 50 %20,000 hours [NORMAL] >> NORMAL *6 Time until light output declines to 50 %20,000 hours [CO] >> ECO *6 Time until light output declines to 50 %20,000 hours [QUIET] >> QUIET *6 Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) Contrast Ratio (typ) *3 20,000: 1 (uill On/Full Off/When [PICTURE MODE] is set to [DVNAMIC] and [DVI CONTRAST] is set to [1]. HDMI signal input) Screen size (diagonal) 1.02-7.62 m (40-300 in), 16:9 aspect ratio Center-to-corner zone ratio *3 90% Lens 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F 2.0-3.4, f 21.5-43 Lens shift -> Vertical(from center of +71 %, -48 % (manual) screen) Lens shift -> Horizontal(from center of +71 %, -48 % (manual) screen) Keystone correction range Vertical: ±0.0° Installation Ceiling/floor, front/rea, free 360-degree installation Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YBBR/YCBCR) 15pin) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YBBR/YCBCR) 15pin) Terminals -> AUDIO UN(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> AUDIO UN(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> LAN R;4 5 x 1 for network and DIGITAL LINK connection (ideo/network/serial contro (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM (Class 2), Art-Net) Terminals -> LAN R;4 5 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink TM) Terminals -> LAN R;4 5 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink 2), Art-Net) Terminals -> LAN R;4 5 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink 2), Art-Net) Terminals -> LAN R;4 5 x 1 for network connection, 10Base-TX (Compatible with PJLink 2), Art-Net) Terminals -> LAN R;4 5 x 1 for network connection, 10Base-TX (Compatible with PJLink 2), Art-Net) Terminals	
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>> NORMAL ^{*6} Time until light output declines to 50 %24,000 hours [ECO] >> ECO ^{*6} Time until light output declines to 50 %20,000 hours [QUIET] -> QUIET ^{*6} Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) Contrast Ratio (typ.) ^{*3} 20,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYI CONTRAST] is set to [1]. HDMI signal input) Screen size (diagonal) 1.02-7.62 m (40-300 in), 16-3 aspect ratio Center-to-corner zone ratio ^{*3} 90% Lens 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F.2.0-3.4, f.21.5-43 Lens shift -> Vertical(from center of +71 %, -48 % (manual) of screen) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI ^{**} IN HDMI TM 19-pin x2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpu supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO NU(M3 Stereo M3 stereo mini-jack x2 Mini jack) Terminals -> AUDIO OUT (M3 Stereo M3 stereo mini-jack x2 Mini jack) Terminals -> LAN R;45 x1 for network and DIGITAL LINK connection (video/network/serial contro (HDBaseT TM complaint), 100Base-TX (Compatible with PJLint TM (Class 2], Art-Nu 2.3, Deep Color, 4K/60p signal inpury). 2.5.0 Degres M45 x1 for network connection, 10Base-TX (Compatible with PJLint TM (Class 2], Art-Nu 2.3, Deep Color, 4K/60p signal inpury). 3.5.1 for network connection, 10Base-TX (Compatible with PJLint TM (Class 2], Art-Nu 2.3, Deep Color, 4K/60p signal inpury). 3.5.2 COMPUTER AUDIO JUT (M3 Stereo M3 stereo mini-jack x2 Mini jack) 3.5.2 Compatible with PJLint TM (Class 2], Art-Nu 2.3, Deep Color, 4K/60p signal inpury). 3.5.3 Compatible with PJLint TM (Class 2], Art-Nu 2.3, Art-Net 2.3.4 Compatible (M3 LintK IN / LAN 3.5.4 Compatible (M3 LintK IN / LAN 3.5.5 COMPUTER AUDIO JUT (M3 Stereo M3 stereo mini-jack x2 Mini jack) 3.5.7 Compatible (M3 LintK IN / LAN 3.5.7 Compatible (M3 LintK IN / LAN 3.5.7 Compatible (M3 LintK IN / LA	
 > ECO *6 Time until light output declines to 50 %20,000 hours [QUIET] > QUIET *6 Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) Contrast Ratio (typ.) *3 20,0001 (Full On/Full OffWhen [PICTURE MODE] is set to [DYNAMIC] and [DYI CONTRAST] is set to [1]. HDMI signal input) Screen size (diagonal) 1.02-7.62 m (40-300 in), 16:9 aspect ratio Center-to-corner zone ratio *3 90% Lens 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F2.0-3.4, f21.5-43 Lens shift -> Vertical(from center of +71 %, -48 % (manual) screen) Lens shift -> Horizontal(from center +34 %, -27 % (manual) of screen) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMITM IN HDMITM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpu supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YBBPR/YCBCR) Tspin) Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini jack) Terminals -> DIGITAL LINK IN / LAN Rj-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBase-TX (compatible with PJLinKTM [Class 2], Art-Ne 2], act-Ne 2], acep Color, 4K/60p signal Input*7, Extron XTP@) Terminals -> LAN Rj-45 x 1 for network connection, 10Base-TX (compatible with PJLinKTM [Class 2], Art-Ne 2], act-Ne 2], act-Ne	
Source *6 Resolution 4K (3840 x 2160 pixels) (With Quad Pixel Drive) Contrast Ratio (typ.) *3 20,000:1 (Full On/Full Off)(When [PICTURE MODE] is set to [DYNAMIC] and [DYI CONTRAST] is set to [1]. HDMI signal input) Screen size (diagonal) 1.02-7.62 m (40-300 in), 16:9 aspect ratio Center-to-correr zone ratio *3 90% Lens shift -> Vertical(from center of +71 %, -48 % (manual) screen) Lens shift -> Vertical(from center of +71 %, -48 % (manual) screen) Lens shift -> Horizontal(from center +34 %, -27 % (manual) of screen) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Keystone correction range Vertical: ±10 °, Compatible with HDCP 2.3, Deep Color, 4K/60p signal input supported Terminals -> HDMI [™] IN HDMI TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal input supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO OUT(M3 Stereo Mini Jack) Terminals -> LAN RI-45 x 1 for network and DIGITAL LINK connection (video/network/serial contro (HDBaseT TM compliant), 100Base-TX (Compatible with PLInK TM [Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RI-45 x 1 for network connection, 10Base-TX (Compatible with PLInK TM [Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RI-45 x 1 for network connection, 10Base-TX (Compatible with PLInK TM [Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RI-45 x 1 for network connection, 10Base-TX (Compatible with PLInK 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RI-45 x 1 for network connection, 10Base-TX (Compatible with PLINK 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RI-45 x 1 for network connection, 10Base-TX (Compatible with PLINK 2.3	
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Center-to-corner zone ratio *3 90% Lens 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F 2.0-3.4, f 21.5-43 Lens shift -> Vertical(from center of screen) +71 %, -48 % (manual) Lens shift -> Horizontal(from center of screen) +34 %, -27 % (manual) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Celling/floor, front/rear, free 360-degree installation Terminals -> HDMI* IN HDMI*M 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpu supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (R5-232C compliant) Terminals -> DIGITAL LINK IN / LAN R-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBaseT*TM compliant), 100Base-TX (Compatible with PJLint*M (Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LSN PFE A Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A)	
Lens 2.0x manual zoom (throw ratio: 1.46-2.93:1), manual focus, F 2.0-3.4, f 21.5-43 Lens shift -> Vertical (from center of screen) +71 %, -48 % (manual) Lens shift -> Horizontal (from center of screen) +34 %, -27 % (manual) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI [™] IN HDMI TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpusupported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for optional Aj-WM50 Series Wireles; Addue, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> LAN Rj-45 x 1 for network connection, 10Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> SERIAL LINK IN / LAN Rj-45 x 1 for network connection, 10Base-TX (Compatible with PJLink TM [Class 2], Art-Net <td></td>	
Lens shift -> Vertical(from center of screen) +71 %, -48 % (manual) Lens shift -> Horizontal(from center of screen) +34 %, -27 % (manual) of screen) +34 %, -27 % (manual) of screen) vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI [™] IN HDMI TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpusupported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN Rj-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> LAN Rj-45 x 1 for network connection, 10Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> LSB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Se	3 0 mm
screen) Lens shift -> Horizontal(from center +34 %, -27 % (manual) of screen) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI [™] IN HDMI TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpusupported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial contro (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN LISS Connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
of screen) Keystone correction range Vertical: ±40 °, Horizontal: ±20 ° Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDMI [™] IN HDMI TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpu supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN R]-45 x 1 for network and DIGITAL LINK connection (video/network/serial contro (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN R]-45 x 1 for network connection, 10Base-TX (Compatible with PJLink 2], Art-Net) Terminals -> SLOT IPV4, IPV6*9 Protocol versions IPv4, IPV6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W(5.0-22.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Installation Ceiling/floor, front/rear, free 360-degree installation Terminals -> HDM1 [™] IN HDM1 TM 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpusupported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (R5-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (R5-232C compliant) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBaseTM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Nec 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLinc 2], Art-Nec 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions	
Terminals -> HDMI [™] IN HDMI [™] 19-pin x 2 (Compatible with HDCP 2.3, Deep Color, 4K/60p signal inpusuported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (Nideo/network/serial control (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLint 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 1100-240 V, 50/60 Hz, AC 1100 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A)	
supported Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> COMPUTER OUT (D-SUB Terminals -> AUDIO IN(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (Nideo/network/serial control (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLint 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
15pin) Terminals -> COMPUTER OUT (D-SUB) D-sub HD 15-pin (female) x 1 (RGB/YPBPR/YCBCR) 15pin) Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBase T TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLink [Class 2], Art-Net) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLink [Class 2], Art-Net) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLink [Class 2], Art-Net) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-TX (Compatible with PJLink [Class 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *	ut*6), CEC
15pin) M3 stereo mini-jack x 2 Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial control (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLin 2], Art-Net 2], Art-Net 2], Art-Net 2], Art-Net 3 Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Mini Jack) M3 stereo mini-jack x 2 Terminals -> AUDIO OUT(M3 Stereo M3 stereo mini-jack x 2 Mini Jack) D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial contre (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLin 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (RS-232C compliant) Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial contre (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLin 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Terminals -> DIGITAL LINK IN / LAN RJ-45 x 1 for network and DIGITAL LINK connection (video/network/serial contri (HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Ne 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLin 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
(HDBaseT TM compliant), 100Base-TX (Compatible with PJLink TM [Class 2], Art-Net 2.3, Deep Color, 4K/60p signal Input*7, Extron XTP®) Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLin 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Terminals -> LAN RJ-45 x 1 for network connection, 10Base-T, 100Base-TX (Compatible with PJLir 2], Art-Net) Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Terminals -> USB TYPE A USB connector (Type A) x 1 for optional AJ-WM50 Series Wireless Module, for U and for power supply (DC 5 V, maximum 2 A) Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	ink TM [Class
Terminals -> SLOT IPv4, IPv6*8 Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	USB memory
Protocol versions IPv4, IPv6*9 Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption*9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
Power supply AC 100-240 V, 50/60 Hz, AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
AC 110 V, 60 Hz (Taiwan) Maximum power consumption *9 480 W (5.0-2.2 A) (500 VA) On-mode power [NORMAL] 420 W	
On-mode power [NORMAL] 420 W	
consumption(Operating mode) ->	
Normal *9	
On-mode power [ECO] 330 W	
consumption(Operating mode) -> Eco *9	
On-mode power [QUIET] 330 W	
consumption(Operating mode) ->	
Quiet ^{*9}	
Standby power consumption -> 15 W (Standby Mode) [NORMAL] Normal	
Standby power consumption -> ECO 0.5 W (Standby Mode) [ECO]	
Cabinet materials Molded plastic	
Filter No	
Operation noise -> Normal *3 35 dB [NORMAL]	
Operation noise -> Eco *3 35 dB [ECO]	
Operation noise -> Quiet *3 28 dB [QUIET]	
Dimensions (W x H x D) 498 x 168 x 492 mm (19 5/8″ x 6 5/8″ x 19 3/8″)	

Dimensions (W x H x D) -> Width (not including protruding parts)	498 mm (19 5/8″)
Dimensions -> Height (including protruding parts)	168 mm (6 5/8″)
Dimensions -> Depth (not including protruding parts)	492 mm (19 3/8″)
Weight [kg] ^{*10}	Approx. 16.1 kg (35.5 lbs)
Operating environment -> Operating temperature ^{*11}	0-45 °C (32-113 °F)
Operating Environment -> Operating humidity (No condensation)	10–80 % (no condensation)
Applicable software	Logo Transfer Software, Multi Monitoring & Control Software, Early Warning Software, Projector Network Setup Software
Control function via LAN	Crestron Connected TM V2, Crestron XiO Cloud TM *12, Art-Net DMX, AMX® DD, and PJLink TM (Class 2)
	 resolution. 2. When [PICTURE MODE] is set to [DYNAMIC], [DAYLIGHT VIEW] is set to [OFF], [DYNAMIC CONTRAST] is set to [OFF], [LIGHT OUTPUT] is set to [100%], and [AUTO POWER SAVE] is set to [OFF]. 3. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is the average of all products when shipped. 4. Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped. 5. Average light-output value of all shipped products measured at the center of the screen. 6. 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/m3 of particulate matter). Estimated time until light output declines to 50 % varies depending on environment. 7. 4K/60p signals are converted to the projector's resolution upon projection. 8. 4K/60p signals are converted to the projector's resolution Supports YPBPR 4:2:0 format only. 9. Main firmware version must be 3.00 or higher. Optional AJ-WM50 Series Wireless Module is not compatible with IPv6. 10. With legs fully retracted. 11. Average value. May differ depending on the actual unit. 12. When using the projector at an altitude lower than 2,700 m (8,858 ft) above sea level, and the operating environment temperature becomes 35 °C (95 °F) or higher, the light output may be reduced to protect the projector. When optional
	AJ-WM50 Series Wireless Module is attached, operating temperature range becomes 0–40 °C (32–104 °F). 13. Main firmware version must be 3.00 or higher.