



#### Designed for education and corporate environments. LCD, 3 300 lumens, WXGA projector

# **PT-TW380**

Short-throw projector for high impact presentationsDesigned for education and corporate environments

#### **Key Features**

LCD, 3300 lumens, WXGA

20 000 hours lamp replacement cycle in Eco mode

Projects 80 inch screen from a distance of only 80cm

Wireless projection capability (optional)

16 000: 1 contrast ratio

## Panasonic CONNECT









### PT-TW380

https://eu.connect.panasonic.com/g b/en/projectors/pt-tw380

Display method         Transparent LCD panel (x 3, R/G/B)           Display Device -> Panel size         15.0 mm (0.59 in) diagonal (16:10 aspect ratio)           Display Device -> Number of pixels         1.024,000 (1280 x800 pixels) x 3           Light source         230 Wx1 lamp           Light source in the matrix method         3.300 lm           Light source in the matrix method in the matr	Due is show to use	
Display Device -> Panel size       15.0 mm(0.55 in) diagonal (16:10 aspect ratio)         Display Device -> Number of pixels       1.024.000 (1280 x 800 pixels) x 3         Light couruet *1*2*3       3.300 lm         Light couruet *1*2*3       3.300 lm         Lamp replacement cycle -> NORMAL       1.000 hours [NORMAL]         Lamp replacement cycle -> QUET *4       1.000 hours [NORMAL]         Lamp replacement cycle -> QUET *4       1.000 hours [NORMAL]         Contrast Ratio (typ.)*3       20.000 in/us [NORMAL]         Resolution       1.220 × 2000 pixels         Contrast Ratio (typ.)*3       20.000 in/us [NORMAL]         Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Keystone correction range       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m (2.62 ft] for 80-inch image)         Keystone correction range       Vertical: z15 * (Auto, Manual)         Installation       Celling/desk, front/rear         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP.gPg/NC)         Tipin)       UP in jack x 1         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP.gPg/NC)         Tipin)       D-sub HD 15-pin (female) x 1 (RGB/YP.gPg/NC)         Tipiack X1	Projector type	LCD projector
Display Device → Durive method       Active matrix method         Display Device → Number of pixels       1.024,000 (1280 x 800 pixels) x 3         Light courput *1*2*3       3,300 Im         Light output (ANS) *4       3,300 Im         Lamp       230 W LI Mamp × 1         Lamp replacement cycle → NORMAL 1       1.000 hours [NORMAL]         Lamp replacement cycle → QUET *4       10,000 hours [NORMAL]         Lamp replacement cycle → QUET *4       10,000 hours [NORMAL]         Contrast Ratio (typ.) *3       20,000 lours [COI         Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Contrast Ratio (typ.) *3       20,000: I (Minite/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl         View: Off, Lamp control: Normal)       Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Conter-to-correr zone ratio *3       85%       Sim       Sim         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:11 (Projection distance: 0.80 m [2.62 rt] for 80-inch image)       Keystone correction range         Keystone correction range       Vertica: ±15 * (Manual)       Installation       Celling/desk, front/rear         Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YPgPg/) (Input/output switching)       T5pin )         Terminals -> AUDIO IN(Mi Stereo<		
Display Device -> Number of pixels         1,024,000 (1280 x 800 pixels) x 3           Light source         230 W x 1 lamp           Light source ************************************		
Light output "1 * 2 * 3 Light output (ANSI) * 4 Light output (ANSI) * 4 Lamp replacement cycle > NORMAL Lamp replacement cycle > O 20,000 hours [NORMAL] Lamp replacement cycle > C 20,000 hours [CO] Lamp replacement cycle > C 20,000 hours [CO] Lamp replacement cycle > C 20,000 hours [CO] Contrast Ratio (cyp.) * 3 20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamp control: Normal) Screen size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-correz zone ratio * 3 Exes Size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-correz zone ratio * 3 Exes Size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-correz zone ratio * 3 Exes Size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-correz zone ratio * 3 Exes Size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-correz zone ratio * 3 Exes Size (Ling and Size 2 (Ling Re)-Inch Image) Keystone correction range Vertical: ±15 * (Auto, Manual), Horizontal: ±15 * (Manual) Ereminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPgPa) (Input/output switching) 15pin ) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPgPa) (Input/output switching) 15pin ) Terminals -> AUDIO IN(M3 Stereo Mini Jack) Terminals -> AUDIO AUT(M3 Stereo Mini Jack) Terminals -> AUDIO		
Light output *1*2 *3 3,300 lm Light output (ANSI) *4 3,300 lm Limp colouput (ANSI) *4 3,300 lm Lamp replacement cycle -> KO2 20,000 hours [NORMAL] Lamp replacement cycle -> KO2 20,000 hours [NORMAL] Lamp replacement cycle -> QUET *1 0,000 hours [NORMAL] Lamp replacement cycle -> QUET *1 0,000 hours [NORMAL] Contrast Ratio (typ.) *3 20,000:1 (All White/All black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamp control: Normal) Screen size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-corner zone ratio *3 85% Ens Biske diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-corner zone ratio *3 85% Keystone correction range Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual) Installation Ceiling/desk, front/read Keystone correction range Vertical: ±15 ° (Manual) Installation Ceiling/desk, front/read (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) Terminals -> COMPUTER IN (D-SUB D -sub HD 15-pin (female) x1 (RGB/YPgP <sub>R</sub> )/C) Tspin) Terminals -> COMPUTER IN (D-SUB D -sub HD 15-pin (female) x1 (RGB/YPgP <sub>R</sub> ) (Input/output switching) Tspin) Terminals -> VIDEO IN Pin jack x 1 Terminals -> VIDEO IN Pin jack x 1 Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 (Variable) Mini Jack) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 (Variable) Mini Jack) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 (Variable) Mini Jack) Terminals -> SERIAL IN D -sub 9-pin (female) x1 for external control (R5-232C compatible) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 (Variable) Mini Jack) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 for network connection, 10Base-T7, 00Base-TX, PJLink <sup>TM</sup> (Class 2) compatible Terminals -> AUDIO WIM Stereo M3 (LR) x1 for network connection, 10Base-T7, 10Base-TX, PJLink <sup>TM</sup> (Class 2) compatible Terminals -> MINI USB -> Power supply AC 100-240 V, 50/60 Hz Maximu power consumption *9 *10 300 W Buikin speaker 10 W monaural Cabinet materials Molded plastic Filter Included Stimated filter maintenance cycle replacement cycle : 5,		
Light output (ANSI) <sup>*4</sup> Lamp 230 W UHM iamp × 1 Lamp replacement cycle > NORMAL1 (0.000 hours [NCRMAL] Lamp replacement cycle -> ECO 20.000 hours [CO] Lamp replacement cycle -> QUIET <sup>*1</sup> 10.000 hours [CO] Lamp replacement cycle -> QUIET <sup>*1</sup> 10.000 hours [CO] Catamp replacement cycle -> QUIET <sup>*1</sup> 10.000 hours [CO] Contrast Ratio (typ.) <sup>*3</sup> 20.000.1 (AI White/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamp control: Normal) Screen size (diagonal) 1.27–2.54 m (50–100 in). 16:10 aspect ratio Center-to-corner zone ratio <sup>*3</sup> 85% Lens Fixed zoom, manual focus lens, F= 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 rt] for 80-inch image) Keystone correction range Vertical: ±15 * (Auto, Manual), Horizontal: ±15 * (Auto, Manual), Gening frequencies: 48 kHz, 44.1 kHz, 32 kHz) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPgPa, YC) 15pin ) Terminals -> COMPUTER UN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YPgPa, YC) 15pin ) Terminals -> COMPUTER UN (Phi Jack x 1 Terminals -> AUDIO IN(M3 Stereo Mini Jack) M3 (LR) x 1 M3		
Lamp       230 W UHM lamp × 1         Lamp replacement cycle -> NORMAL       10,000 hours [NORMAL]         Lamp replacement cycle -> QUIET *4       10,000 hours [CUIET]         Resolution       1280 x 800 pixels         Contrast Ratio (typ) *3       20,000 hours [CUIET]         Resolution       1280 x 800 pixels         Contrast Ratio (typ) *3       20,000 hours [CUIET]         Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m (2.62 ft (for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Manual),         Horizontal: ±15 ° (Manual)       Horizontal: ±15 ° (Manual)         Installation       Celling/desk, front/rear         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP_8P_8) (Input/output switching)         Tspin)       Fin jack x 1         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP_8P_8) (Input/output switching)         Tspin)       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (oriable) <td< th=""><th></th><th>-</th></td<>		-
Lamp replacement cycle -> NORMAL 10,000 hours [NORMAL] Lamp replacement cycle -> ECO 20,000 hours [CO] Resolution 1280 × 800 pixels Contrast Ratio (typ.) *3 20,000 hours [QUIET] Resolution 1280 × 800 pixels Contrast Ratio (typ.) *3 20,000 hours [QUIET] Resolution 1280 × 800 pixels Contrast Ratio (typ.) *3 20,000 hours [GO] Screen size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-corner zone ratio *3 85% Lens Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m (2.62 ft] for 80-inch image) Keystone correction range Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Auto, Manual), Gampling frequencles: 48 kHz, 44.1 kHz, 32 kHz) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x1 (RGB/YP <sub>8</sub> P <sub>R</sub> )/C) 15pin ) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x1 (RGB/YP <sub>8</sub> P <sub>R</sub> ) (Input/output switching) 15pin ) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 (MGB/YP <sub>8</sub> P <sub>R</sub> ) (Input/output switching) 15pin ) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 for external control (RS-232C compatible) Terminals -> AUDIO IN(M3 Stereo M3 (LR) x1 for external control (RS-232C compatible) Terminals -> LAN R] +45 x 1 for network connection, 10Base-TX, PILInk <sup>TM</sup> (Class 2) compatible Terminals -> LAN R] +45 x 1 for metwork connection, 10Base-TX, PILInk <sup>TM</sup> (Class 2) compatible Terminals -> LAN R] +45 x 1 for metwork connection, 10Base-TX, PILInk <sup>TM</sup> (Class 2) compatible Terminals -> LAN R] +45 x 1 for metwork connection, 10Base-TX, PILInk <sup>TM</sup> (Class 2) compatible Terminals -> MINI USB - Power consumption *9***********************************	• • • •	-
Lamp replacement cycle -> ECO Lamp replacement cycle -> QUIET *4 10,000 hours [QUIET] Resolution 1280 × 800 pixels Contrast Ratio (typ.) *3 20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View. Off, Lamp control: Normal) Screen size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-corner zone ratio *3 85% Lens Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.26 t] for 80-inch image) Keystone correction range Vertical: ±15 * (Manual) Installation Ceiling/desk, front/rear Terminals -> HDMI* IN HDMI* 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )/(C) 15pin) Terminals -> VDEO IN Pin jack x 1 Terminals -> VDIO IN(M3 Stereo Mini Jack) M3 (LR) x 1 (M3 (LR) x 1 M3 (LR) x 1 (M3 (LR) x 1 M3 (LR) x 1 for network connection, 10Base-TX/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (R5-232C compatible) Terminals -> VDIO IN(M3 Stereo Mini Jack) Terminals -> VIDIO IN(M3 Stereo Mini Jack) M3 (LR) x 1 (Variable) Mini Jack) Terminals -> VIDIO IN(M3 Stereo Mini Jack) Terminals -> VIDIO IN(M3 Stereo Mini Jack) Terminals -> SERIAL IN D-sub 9-pin (female) x 1 for external control (R5-232C compatible) Terminals -> MINI USB - Power consumption 300 W Built-in speaker 10 W monaural Cabinet materials Molded plastic Filter Included Stimated filter maintenance cycle replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE Operation noise -> Quiet *3 30 dB [QUIET]		
Lamp replacement cycle -> QUIET <sup>*4</sup> 10,000 hours [QUIET] Resolution 1280 x 800 pixels Contrast Ratio (typ.) <sup>*3</sup> 20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamp control: Normal) Screen size (diagonal) 1.27-2.54 m (50-100 in), 16:10 aspect ratio Center-to-corner zone ratio <sup>*3</sup> 85% Lens Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image) Keystone correction range Vertical: ±15 °(Auto, Manual), Horizontal: ±15 °(Auto, Manual), Horizontal: ±15 °(Auto, Manual), Horizontal: ±15 °(Manual) Installation Ceiling/desk, front/rear Terminals -> HDMI <sup>™</sup> IN HDMI <sup>™</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz) Terminals -> COMPUTER IN (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>A</sub> /YC) 15pin ) Terminals -> COMPUTER OUT (D-SUB D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>A</sub> /YC) 15pin ) Terminals -> AUDIO IN(M3 Stereo M3 (L,R) x 1 Mini Jack ) Terminals -> AUDIO IN(M3 Stereo M3 (L,R) x 1 Mini Jack ) Terminals -> AUDIO IN(Pi jack L/R) Pin jack x 2 (L,R) Terminals -> AUDIO IN(Pi jack L/R) Pin (female) x 1 for external control (RS-232C compatible) Terminals -> AUDIO OUT(M3 Stereo M3 (L,R) x 1 (Variable) Mini Jack ) Terminals -> LAN R]-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible Terminals -> LAN R]-45 x 1 for network connection, 10Base-TX, PJLink <sup>TM</sup> (Class 2) compatible Terminals -> LAN R]-45 x 1 for Nemory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pow supply (Dc 5 V/2 A)) Terminals -> MINI USB - Power consumption 300 W Built-in speaker 10 W monaural Cabinet materials Molded plastic Filter Included Stimated filter maintenance cycle replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE Operation noise -> Normal <sup>*3</sup> 38 dB [NORMAL] Operation noise -> Normal <sup>*3</sup> 30 dB [QUIET]		
Resolution       1280 x 800 pixels         Contrast Ratio (typ.) *3       20,0001 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamg control: Normal)         Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m (2.52 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 * (Auto, Manual),         Horizontal: ±15 * (Marual)       Horizontal: ±15 * (Marual)         Installation       Ceiling/desk, front/rear         (Gampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)       Terminals -> HOMI <sup>™</sup> IN         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R)'C)         Tspin)       Sipin)       Sin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (LR) x 1         Mini Jack)       M3 (LR) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 (or external control (RS-232C compatible)         Terminals -> AUDIO IN(M3 Stereo       M3 (LR) x 1 (Variable)         Mini Jack)       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pov supply [DC 5 V/2 A])         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> L		
Contrast Ratio (typ.) *3       20,000:1 (All white/all black, Iris: On, Image mode: Dynamic, Auto Power Save: Off, Dayl View: Off, Lamp control: Normal)         Screen size (diagonal)       1.27–2.54 m (50–100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Manual).         Horizontal: ±15 ° (Manual)       Horizontal: ±15 ° (Manual).         Installation       Ceiling/desk, front/rear         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YPg/Pg/YC)         15pin )       D-sub HD 15-pin (female) x 1 (RGB/YPg/Pg/NC)         Terminals -> VIDEO IN       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (K5-232C compatible)         Terminals -> AUDIO IN(PI jack L/R)       Pin jack x 2 (L,R)         Terminals -> LAN       RJ-45 x 1 for network connection, 108ase-TX, PjLinkT <sup>M</sup> (Class 2) compatible         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A)-WMS0 series*3]/Pov supply (DC 5 V/2 A))         Terminals ->		
View: Off, Lamp control: Normal)         Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Auto, Manual), Horizontal: ±15 ° (Manual)         Installation       Ceiling/desk, front/rear         Terminals -> HDM1 <sup>™</sup> IN       HDM1 <sup>™</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )Y(C)         15pin )       Terminals -> AUDIO IN(M 5000000000000000000000000000000000000		•
Screen size (diagonal)       1.27-2.54 m (50-100 in), 16:10 aspect ratio         Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Manual),         Horizontal: ±15 ° (Manual)       Horizontal: ±15 ° (Manual)         Installation       Ceiling/desk, front/rear         Terminals >> HDM1 <sup>™</sup> IN       HDM1 <sup>™</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals >> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R) (Input/output switching)         15pin )       Terminals >> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP_BP_R) (Input/output switching)         15pin )       Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1 (Variable)         Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1 (Variable)       Terminals >> Computible VI (Variable)         Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1 (Variable)       Terminals >> Computible VI (Variable)         Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1 (Variable)       Stread (Core Marcory Viveer/Wireless Module [ET-WML100/A	contrast Rato (typ.)	
Center-to-corner zone ratio *3       85%         Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Manual),         Horizontal: ±15 ° (Manual)       Horizontal: ±15 ° (Manual),         Installation       Ceiling/desk, front/rear         Terminals -> HDM1 <sup>™</sup> IN       HDM1 <sup>™</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN ( D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         Tspin )       Terminals -> COMPUTER OUT ( D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         Tspin )       Terminals >> XODED IN       Pin jack x 1         Terminals >> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini jack)       M3 (L,R) x 1 (Variable)         Mini jack)       M3 (L,R) x 1 (Variable)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (R5-232C compatible)         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A)-WM50 series*3]/Pov supply [DC 5 V/2 A])         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A)-WM50 series*3]/Pov supply [DC 5 V/2 A])         Terminals -> MINI USB       -	Screen size (diagonal)	· · · · · · · · · · · · · · · · · · ·
Lens       Fixed zoom, manual focus lens, F = 1.8, f = 6.08 mm, throw ratio: 0.46:1 (Projection distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Auto, Manual),         Horizontal: ±15 ° (Manual)       Horizontal: ±15 ° (Manual)         Installation       Ceiling/desk, front/rear         Terminals -> HDMI <sup>™</sup> IN       HDMI <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )(Input/output switching)         15pin )       Terminals -> COMPUTER OUT (D-SUB         Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )(Input/output switching)         15pin )       Terminals -> AUDIO IN(M3 Stereo         Mini Jack)       M3 (L,R) x 1         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pov supply [D C 5 V/2 A])         Terminals -> MINI USB       - <th>-</th> <th>-</th>	-	-
distance: 0.80 m [2.62 ft] for 80-inch image)         Keystone correction range       Vertical: ±15 ° (Auto, Manual),         Horizontal: ±15 ° (Manual)       Edilog/desk, front/rear         Terminals -> HDMI <sup>™</sup> IN       HDMI <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC)         15pin )       Terminals -> COMPUTER OUT (D-SUB         Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )       Terminals -> AUDIO IN(M3 Stereo         Mini Jack)       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (R5-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (R5-232C compatible)         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pov supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9**10       300 W         Built-in speaker		
Keystone correction range       Vertical: ±15 ° (Manual), Horizontal: ±15 ° (Manual)         Installation       Ceiling/desk, front/rear         Terminals -> HDMI <sup>™</sup> IN       HDMI <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC)         Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         Terminals -> XUDEO IN       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-TX, PJUnk <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Poo supply [DC 5 V/2])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Built-in speaker       10 W	Lens	
Horizontal: ±15 ° (Manual)         Installation       Ceiling/desk, front/rear         Terminals -> HDMI <sup>™</sup> IN       HDMI <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )YC)         15pin )       Terminals -> COMPUTER OUT (D-SUB         Terminals -> COMPUTER OUT (L-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )       Terminals -> AUDIO IN (M3 Stereo         M3 (L,R) x 1       Terminals -> AUDIO UT(M3 Stereo         Min Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO UT(M3 Stereo       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       R]-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pow supply [DC 5 V/2 A])         Maximum power consumption **10       300 W         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption **10       300 W         Built-in speaker	Keystone correction range	-
Installation       Ceiling/desk, front/rear         Terminals -> HDM1 <sup>TI</sup> IN       HDM1 <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC)         15pin )       Terminals -> COMPUTER OUT (D-SUB         Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )       Terminals -> AUDIO IN(M3 Stereo         Mini Jack)       M3 (L,R) x 1         Terminals -> AUDIO IN(Pin Jack L/R)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       M3 (L,R) x 1 (Variable)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (R5-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (R5-232C compatible)         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply (DC 5 V/2 A])         Terminals -> MINI USB       -         Power consumption **10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included		
Terminals -> HDMIT <sup>™</sup> IN       HDMIT <sup>TM</sup> 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM (Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )/(C)         15pin )       Terminals -> COMPUTER OUT (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )       Terminals -> VIDEO IN       Pin jack x 1         Terminals -> VIDEO IN       Pin jack x 1         Terminals -> AUDIO OIN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       M3 (L,R) x 1 (Variable)         Terminals -> AUDIO OIN(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pov supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power consumption *9 *10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Stimated filter maintenance cycle       5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Rower		
(Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)         Terminals -> COMPUTER IN (D-SUB         D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC)         15pin )         Terminals -> COMPUTER OUT (D-SUB         D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )         Terminals -> COMPUTER OUT (D-SUB         D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )         Terminals -> COMPUTER OUT (D-SUB         Point Jack X 1         Terminals -> AUDIO IN(M3 Stereo         M3 (L,R) x 1       M3 (L,R) x 1         Mini Jack)         Terminals -> AUDIO OUT(M3 Stereo         Mini Jack)       M3 (L,R) x 1 (Variable)         Terminals -> SERIAL IN         D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN         RJ-45 x 1 for network connection, 10Base-TX, 0PlLink <sup>TM</sup> (Class 2) compatible         Terminals -> MINI USB         -         Power supply         AC 100-240 V, 50/60 Hz         Maker         10 W m		
Terminals -> COMPUTER IN (D-SUB       D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> )/YC)         15pin)       Terminals -> COMPUTER OUT (D-SUB         D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin)         Terminals -> VIDEO IN         Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo         M3 (L,R) x 1         Mini Jack)         Terminals -> AUDIO OUT(M3 Stereo         M3 (L,R) x 1 (Variable)         Mini Jack)         Terminals -> AUDIO OUT(M3 Stereo         M3 (L,R) x 1 (Variable)         Mini Jack)         Terminals -> AUDIO OUT(M3 Stereo         M3 (L,R) x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL] </th <th>Terminals -&gt; HDMI<sup>™</sup> IN</th> <th>HDMI 🖤 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM</th>	Terminals -> HDMI <sup>™</sup> IN	HDMI 🖤 19-pin x 2 (Compatible with HDCP 1.4, Deep Color), Audio signal: Linear PCM
15pin)       D-sub HD 15-pin (female) x 1(RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin)       D-sub HD 15-pin (female) x 1(RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin)       Pin jack x 1         Terminals -> VIDEO IN       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE <tr< th=""><th></th><th>(Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)</th></tr<>		(Sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
Terminals -> COMPUTER OUT ( D-SUB       D-sub HD 15-pin (female) x 1(RGB/YP <sub>B</sub> P <sub>R</sub> ) (Input/output switching)         15pin )       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini jack)       M3 (L,R) x 1         Terminals -> AUDIO IN(Pin Jack L/R)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini jack)       M3 (L,R) x 1 (Variable)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours	Terminals -> COMPUTER IN (D-SUB	D-sub HD 15-pin (female) x 1 (RGB/YP <sub>B</sub> P <sub>R</sub> /YC)
15pin)       Pin jack x 1         Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini jack)       Terminals -> AUDIO IN(Pin Jack L/R)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini jack)       Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini jack)       Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-TV100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-TV100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-TV100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter mainte	15pin )	
Terminals -> AUDIO IN(M3 Stereo       M3 (L,R) x 1         Mini Jack)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       M3 (L,R) x 1 (Variable)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Quiet *3       30 dB [QUIET]		D-sub HD 15-pin (female) x 1(RGB/YP_BP_R) (Input/output switching)
Mini Jack)         Terminals -> AUDIO IN(Pin Jack L/R)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       M3 (L,R) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9 *10       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Quiet *3       30 dB [QUIET]	Terminals -> VIDEO IN	Pin jack x 1
Terminals -> AUDIO IN(Pin Jack L/R)       Pin jack x 2 (L,R)         Terminals -> AUDIO OUT(M3 Stereo       M3 (L,R) x 1 (Variable)         Mini Jack)       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Coust *3       35 dB [ECO]         Operation noise -> Quiet *3       30 dB [QUIET]	Terminals -> AUDIO IN(M3 Stereo	-
Terminals -> AUDIO OUT(M3 Stereo Mini Jack)       M3 (L,R) x 1 (Variable)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/A]-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Quiet *3       30 dB [QUIET]	Mini Jack)	
Mini Jack)         Terminals -> SERIAL IN       D-sub 9-pin (female) x 1 for external control (RS-232C compatible)         Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       35 dB [ECO]         Operation noise -> Quiet *3       30 dB [QUIET]	Terminals -> AUDIO IN(Pin Jack L/R)	Pin jack x 2 (L,R)
Terminals -> SERIAL IND-sub 9-pin (female) x 1 for external control (RS-232C compatible)Terminals -> LANRJ-45 x 1 for network connection, 10Base-TX, PJLink <sup>TM</sup> (Class 2) compatibleTerminals -> USB TYPE AUSB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])Terminals -> MINI USB-Power supplyAC 100-240 V, 50/60 HzMaximum power consumption *9*10300 WBuilt-in speaker10 W monauralCabinet materialsMolded plasticFilterIncludedEstimated filter maintenance cyclereplacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIEOperation noise -> Normal *335 dB [ECO]Operation noise -> Quiet *330 dB [QUIET]	Terminals -> AUDIO OUT(M3 Stereo	M3 (L,R) × 1 (Variable)
Terminals -> LAN       RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible         Terminals -> USB TYPE A       USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])         Terminals -> MINI USB       -         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9 *10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       35 dB [ECO]         Operation noise -> Quiet *3       30 dB [QUIET]	Mini Jack)	
Terminals -> USB TYPE AUSB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Pow supply [DC 5 V/2 A])Terminals -> MINI USB-Power supplyAC 100-240 V, 50/60 HzMaximum power consumption *9*10300 WPower consumption300 WBuilt-in speaker10 W monauralCabinet materialsMolded plasticFilterIncludedEstimated filter maintenance cyclereplacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIEOperation noise -> Normal *335 dB [ECO]Operation noise -> Quiet *330 dB [QUIET]	Terminals -> SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compatible)
supply [DC 5 V/2 A])         Terminals -> MINI USB         Power supply       AC 100-240 V, 50/60 Hz         Maximum power consumption *9*10       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE]         Operation noise -> Normal*3       38 dB [NORMAL]         Operation noise -> Quiet*3       30 dB [QUIET]	Terminals -> LAN	RJ-45 x 1 for network connection, 10Base-T/100Base-TX, PJLink <sup>TM</sup> (Class 2) compatible
Power supply     AC 100–240 V, 50/60 Hz       Maximum power consumption     300 W       Power consumption     300 W       Built-in speaker     10 W monaural       Cabinet materials     Molded plastic       Filter     Included       Estimated filter maintenance cycle     replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE       Operation noise -> Normal*3     38 dB [NORMAL]       Operation noise -> Quiet*3     30 dB [QUIET]	Terminals -> USB TYPE A	USB Type-A (for Memory Viewer/Wireless Module [ET-WML100/AJ-WM50 series*3]/Power supply [DC 5 V/2 A])
Maximum power consumption       300 W         Power consumption       300 W         Built-in speaker       10 W monaural         Cabinet materials       Molded plastic         Filter       Included         Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal*3       38 dB [NORMAL]         Operation noise -> Quiet*3       30 dB [QUIET]	Terminals -> MINI USB	-
Power consumption     300 W       Built-in speaker     10 W monaural       Cabinet materials     Molded plastic       Filter     Included       Estimated filter maintenance cycle     replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE]       Operation noise -> Normal*3     38 dB [NORMAL]       Operation noise -> Cuiet*3     30 dB [QUIET]	Power supply	AC 100-240 V, 50/60 Hz
Built-in speaker     10 W monaural       Cabinet materials     Molded plastic       Filter     Included       Estimated filter maintenance cycle     replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE       Operation noise -> Normal*3     38 dB [NORMAL]       Operation noise -> Eco*3     35 dB [ECO]       Operation noise -> Quiet*3     30 dB [QUIET]	Maximum power consumption *9 *10	300 W
Cabinet materials     Molded plastic       Filter     Included       Estimated filter maintenance cycle     replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE       Operation noise -> Normal *3     38 dB [NORMAL]       Operation noise -> Eco *3     35 dB [ECO]       Operation noise -> Quiet *3     30 dB [QUIET]		
Filter     Included       Estimated filter maintenance cycle     replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE       Operation noise -> Normal *3     38 dB [NORMAL]       Operation noise -> Eco *3     35 dB [ECO]       Operation noise -> Quiet *3     30 dB [QUIET]	Built-in speaker	10 W monaural
Estimated filter maintenance cycle       replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIE         Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Eco *3       35 dB [ECO]         Operation noise -> Quiet *3       30 dB [QUIET]	Cabinet materials	Molded plastic
Operation noise -> Normal *3       38 dB [NORMAL]         Operation noise -> Eco *3       35 dB [ECO]         Operation noise -> Quiet *3       30 dB [QUIET]	Filter	Included
Operation noise -> Eco *3         35 dB [ECO]           Operation noise -> Quiet *3         30 dB [QUIET]	Estimated filter maintenance cycle	replacement cycle : 5,000 hours [NORMAL] / 6,000 hours [ECO],10,000 hours [QUIET]
Operation noise -> Quiet *3 30 dB [QUIET]	Operation noise -> Normal *3	38 dB [NORMAL]
• • • • • • • • • • • • • • • • • • • •	•	35 dB [ECO]
Dimensions (W x H x D) 335 x 134.1*4 x 329 mm (13 3/16" x 5 9/32"*4 x 12 15/16" )	Operation noise -> Quiet *3	30 dB [QUIET]
	Dimensions (W x H x D)	335 x 134.1*4 x 329 mm (13 3/16″ x 5 9/32″*4 x 12 15/16″ )
Dimensions -> Width (including 335 mm (13 3/16")	Dimensions -> Width (including	335 mm (13 3/16")
protruding parts)	protruding parts)	
Dimensions -> Height (including 134.1 mm (5 9/32") protruding parts)		134.1 mm (5 9/32″)
Dimensions -> Depth (including lens) 329 mm (12 15/16")		329 mm (12 15/16″)
Weight *11 Approx. 3.9 kg (8.6 lbs)		
<b>Operating environment -&gt; Operating</b> 5–40 °C (41–104 °F) at altitudes less than 1,400 m (4,593 ft); 5–35 °C (41–95 °F) at altitu		
temperature *12 of 1,400-2,700 m (4,593-8,858 ft)	temperature *12	of 1,400-2,700 m (4,593-8,858 ft)
Operating Environment -> Operating 20–80 % (No condensation) humidity (No condensation)	1 5 1 5	20–80 % (No condensation)
Applicable software         Multi Monitoring & Control Software, Early Warning Software, Logo Transfer Software,           Presenter Light Software (for Windows®)*7, Wireless Projector for iOS/Android <sup>TM</sup> *8	Applicable software	

#### Footnote Description

- 1. When [PICTURE MODE] is set to [DYNAMIC], [LAMP POWER] is set to [NORMAL], [AUTO POWER SAVE] is set to [OFF], and [DAYLIGHT VIEW] is set to [OFF].
- 2. Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.
- Measurement, measuring conditions, and method of notation all comply with American National Standards Institute standards. Value is the average of all products when shipped.
- 4. Lamp replacement cycle stated is maximum value, at which time brightness will have decreased to 50 %. Usage environment affects lamp replacement cycle.
- 5. ET-WML100 Series and AJ-WM50 Series devices are both compatible with all projectors in this series, and either can be used to enable the wireless network function.
- 6. With legs at shortest position.
- 7. Average value. May differ depending on the actual unit.
- 8. When [LAMP POWER] is set to [NORMAL] and the projector is operated at an elevation of 1,400 m (4,593 ft) or less, if the ambient temperature exceeds 35 °C (95 °F), [LAMP POWER] will be switched to [ECO] automatically to protect the projector: When [LAMP POWER] is set to [NORMAL] and the projector is operated at an elevation between 1,400 m (4,593 ft) and 2,700 m (8,858 ft), if the ambient temperature exceeds 30 °C (86 °F), [LAMP POWER] will be switched to [ECO] automatically to protect the projector.
- 9. 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.
- When using the Wireless Projector app, display resolution differs depending on your iOS/Android<sup>™</sup> device and the display device. The maximum supported display resolution is WXGA (1280 x 800).