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Specifications

Main unit

Power supply			AC 100V-240V, 50Hz/60Hz
Power consumption[1]	Maximum power consumption		370 W (3.9-1.7A) (395VA) (The power consumption is 360 W at 200-240V)
	On-mode power consumption (Light power)	[Normal]	335 W (100-120 V), 320 W (200-240 V)
		[Eco]	240 W (100-120 V), 230 W (200-240 V)
		[QUIET]	235 W (100-120 V), 225 W (200-240 V)
	Standby mode power consumption	[Normal]	15 W When [IN STANDBY MODE] in [AUDIO SETTING] is set to [OFF], [QUICK STARTUP] is set to [OFF], and <DC OUT> terminal is not in use.
		[Eco]	0.5 W
BTU value			Max 1,265 BTU
LCD panel	Size		16.3 mm [0.64 in] diagonal (16:10 aspect ratio)
	Display system		Transparent LCD panel (x 3, R/G/B)
	Number of pixels		2,304,000 (1920 x 1200)
Refresh rate			24-100 Hz Refresh rate varies depending on scanning frequency.
Light source			Laser Diode
Light output[1]	Light Power	[Normal]	6,200 lm [PICTURE MODE] is set to [DYNAMIC], [DAYLIGHT VIEW] is set to [OFF], [AUTO POWER SAVE] is set to [OFF]
		[Eco/Quiet]	4,340 lm
Time until light output declines to 50%[2]	Light Power	[Normal/Quiet]	20,000 hours
		[ECO]	24,000 hours
Filter Replacement Cycle			20,000 hours (Under the dust conditions of 0.08mg/m^3) 10,000 hours (Under the dust conditions of 0.15mg/m^3) Filter can be washed and reused up to two times. Filter cleaning cycle varies depending on environment.
Resolution			1920 x 1200 pixels (Input signals that exceed this resolution will be converted to 1920 x 1200 pixels.)
Contrast ratio[1]			3,000,000:1 (All White/All Black) When [PICTURE MODE] is set to [DYNAMIC], [DYNAMIC CONTRAST] is set to [1]
Screen size			0.76-7.62 m [30-300 in], 16:10 aspect ratio
Center to corner zone ratio[1]			85%
Lens			1.6x Manual zoom (Optical) (Throw ratio:1.09-1.77:1) Manual focus lens, F-1.60-2.12, f=15.30-24.64 mm
Digital Zoom Extender[3]			Throw Ratio 1.09:1 - 2.21:1[4] (Corresponding value) (When optical zoom is used together.)
Lens shift (from the origin point of the lens mounter)			Vertical +44%, Horizontal ±20%
Installation			Ceiling/floor, front/rear, free 360-degree installation
Maximum usable volume output			10W (monaural)
Compatible Signal	RGB signal input		Resolution: 640 x 400 to 1920 × 1200 Dot clock frequency: 162 MHz or less PIAS (Panasonic Intelligent Auto Scanning) system
	YC_BC_R/YP_BP_R signal input		Resolution: 480i[5]/576i[5] to 1920 x 1080 Dot clock frequency: 148.5 MHz or less The HD/SYNC and VD terminals do not support 3 value SYNC.
	HDMI signal input		Moving image signal resolution: 480i[5]/576i[5] to 4096 x 2160 Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) Dot clock frequency: 25 MHz to 297 MHz
	DIGITAL LINK signal input		Moving image signal resolution: 480i/576i to 4096 x 2160 Still image signal resolution: 640 x 400 to 1920 x 1200 (non-interlace) Dot clock frequency: 25 MHz to 297 MHz
Terminals	HDMI 1 IN/ 2 IN		HDMI-19 pin x 2 Deep Color, compatible with HDCP 1.4, 4K/30p signal input[6], CEC supported[7] Audio Signal: Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
	COMPUTER 1 IN / 2 IN		D-sub 15pin (female) x 2
		RGB	0.7 V [p-p], 75 ohms (1.0 V [p-p], 75 ohms for sync on G) HD/SYNC, VD: TTL, high impedance, positive/negative automatic
		YP_BP_R	Y: 1.0 V [p-p], including sync signal, P_B/P_R (C_B/C_R): 0.7 V [p-p], 75 ohms
	AUDIO 1 IN/ 2 IN		M3 stereo mini-jack x 2 0.5 V [rms], input Impedance 22 k Ohms and more
	VARIABLE AUDIO OUT		M3 stereo mini-jack x 1 0 V [rms] to 2.0 V [rms] variable, output Impedance 2.2 k ohms and less
	SERIAL IN		D-sub 9-pin (female) x 1 for computer control (RS-232C compliant)
	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 1.4, Deep Color, 4K/30p signal input[6]
	USB (VIEWER/WIRELESS/DC OUT)	USB connector (Type A) x 1 for Memory Viewer function, optional Wireless Module AJ-WM50, power supply (DC 5 V, maximum 2 A)
Power cord length		India and North/Middle/South America: 3.0 m [9 ft 10 in] Other countries or regions: 2.0 m [6 ft 7 in]
Cabinet materials		Molded plastic
Dimensions (W x H x D)[10]		399 x 133 x 348 mm [15-23/32 x 5-1/4 x 13-11/16 in]
Weight[8]		Approx. 6.9 kg (15.2 lbs)
Operating noise[1]		36 dB (NORMAL/ECO) 26 dB (QUIET)
Laser Classification	Laser Class	Class 1 (IEC/EN 60825-1:2014)
	Risk Group	Risk Group 2 (IEC 62471-5:2015)
Operating environment	Operating environment temperature	0 °C (32 °F) to 45 °C (113 °F)[9] The operating environment temperature should be between 0 °C (32 °F) and 40 °C (104 °F) when the optional Wireless Module (Model No.: AJ-WM50 Series) is attached.
	Operating environment humidity	20% to 80% (no condensation)

Remote control unit

Power supply	3V DC (AAA/R03/LR03 battery x 2)
Operation range	Approx. 30 m [98 ft 5 in] (when operated directly in front of signal receptor)
Dimensions (W x H x D)	48 x 145 x 27 mm [1-7/8 x 5-23/32 x 1-1/16 in]
Weight[8]	Approx. 102 g (3.60 ozs.) including batteries

Supplied accessories

Wireless remote control unit (x 1)
Power cord (x 2 for Europe and Asia model/ x 1 for other countries)
Batteries for remote control (R03/AAA type x 2)
Lens cap (x 1)
Strap (x 1)

Other Applications

Multi Monitoring and Control Software (for Windows)
Logo Transfer Software (for Windows)
Presenter Light Software (for Windows)
Wireless Projector App (for iOS/Android)

Optional accessories

Ceiling Mount Bracket (for high ceilings)	ET-PKL100H
Ceiling Mount Bracket (for low ceilings)	ET-PKL100S
Attachment plate for ceiling mount bracket	ET-PKV400B
DIGITAL LINK switcher	ET-YFB200G
Digital Interface Box	ET-YFB100G
Replacement Filter Unit	ET-RFV500
Wireless Module	AJ-WM50 *The suffix at the end of the model number is omitted. Operating Temperature when attached to the projector: 0-40 °C (32-104 °F).
Early Warning Software	ET-SWA100 series *The symbol at the end of the part number will vary depending on the type of license.

Weights and dimensions shown are approximate. Specifications subject to change without notice.

1 Measurement, measuring conditions, and method of notation all comply with ISO/IEC 21118: 2020 international standards. Value is average of all products when shipped.
2 Around this time, light output will have decreased by approximately 50 %. IEC62087: 2008 Broadcast contents, Dynamic Contrast [2], under conditions with 30 °C (86 °F), 700 m (2,297 ft) above sea level, and 0.15 mg/m^3 of particulate matter. Panasonic recommends cleaning or checkup at point of purchase after about 20,000 hours. Light-source lifetime may be reduced depending on environmental conditions. Replacement of parts other than the light source may be required in a shorter period. Estimated maintenance time varies depending on environment.
3 Resolution decreases when using this function. 6-Point Screen Correction, V/H Keystone Correction, and curved-screen correction are not available when using this function, and range of corner adjustment is limited.
4 When optical zoom is used together and Digital Zoom Extender is set to 80%.
5 Pixel-Repetition signal (dot clock frequency 27.0 MHz) only.
6 A signal with different resolution is converted to the number of display dots.
7 Depending on the connected CEC-compatible device, the link control may not operate normally.
8 Average value. May differ depending on the actual unit.
9 Note that projector cannot be used at altitudes 2,700 m (8,858 ft) or higher above sea level. In the following operating environments, light output may be reduced to protect the projector; when the projector is used at altitudes below 700 m (2,297 ft) and ambient temperature is 36 °C (97 °F) or higher; when the projector is used at altitudes between 700 m (2,297 ft) and 1,400 m (4,593 ft) exclusive and ambient temperature is 34 °C (93 °F) or higher; when the projector is used at altitudes between 1,400 m (4,593 ft) and 2,100m (6,890 ft) exclusive and ambient temperature is 32 °C (90 °F) or higher; and when the projector is used at altitudes between 2,100 m (6,890 ft) and 2,700 m (8,858 ft) exclusive and ambient temperature is 30 °C (86 °F) or higher.
10 With legs at shortest position.

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