LCD, 3100 lumens, XGA, 28dB quiet operation, long lamp replacement cycle

PT-LW333

Designed for education and corporate applications

Key Features

LCD, 3100 lumens, XGA

Lamp and filter replacement cycle of up to 10,000 hours （Reduces TCO）

Quiet 28 dB Operation for Distraction - free Viewing

16,000:1 contrast ratio

PT-LW333

https://eu.connect.panasonic.com/fr/en/products/projectors/pt-lw333

Power Supply	AC100-240V 3.5A 50/60 Hz
Power Consumption	300W
	6W when Standby mode set to Normal,
	0.5W when Standby mode set to Eco*1
LCD Panel | Panel Size	15.0 mm (0.59 inches) diagonal (16:10 aspect ratio)
LCD Panel | Display Method	Transparent LCD panel (x 3, R/G/B)
LCD Panel | Drive Method	Active matrix method
LCD Panel | Pixels	1,024,000 (1,280 x 800) x 3, total of 3,072,000 pixels
LCD Panel | Pixel Configuration	Stripe
Lens	Manual zoom (1.2x), manual focus F 2.1- 2.25, f 19.11- 22.94 mm
Throw Ratio	1.47- 1.77:1
Lamp	230 W UHM lamp
Lamp/Filter*2 Replacement Cycle	Normal: 5,000hrs / Eco1: 6,000hrs / Eco2: 10,000hrs
Screen Size	30-300 inches (0.76 -7.62 m) diagonally, 16:10 aspect ratio
Colors	Full color (16,777,216 colors)
Brightness*3	3,100 lumens (lamp power: normal)
Center-to-Corner Uniformity*3	80%
Contrast*3	16,000:1 (all white/all black, Image mode:Dynamic,
	Lamp control: Normal, Iris: On)
Resolution	1,280 x 800 pixels (Input signals that exceed this resolution will be converted to 1,280 x 800 pixels.)
Optical Axis Shift	13:1 (fixed)
Keystone Correction Range	Vertical: ±30°, horizontal: ±15°
Installation	Ceiling/floor, front/rear (menu selection)
Built-in Speaker | Output Power	10 W (monaural) x 1
Terminals | HDMI In	HDMI 19-pin x 1, HDCP and Deep Color compatible
	Audio signal: linear PCM
	(sampling frequencies: 48 kHz, 44.1 kHz, 32 kHz)
Terminals | Computer (RGB) 1 In	D-sub HD 15-pin (female) x 1
Terminals | Computer (RGB) 1 In | R, G, B	R, G, B: 0.7 Vp-p, 75 ohms;
	HD/VD, SYNC: high impedance, TTL (positive/negative automatic)
Terminals | Computer (RGB) 1 In | Y, PB (CB), PR (CR)	Y: 1.0 Vp-p (including sync signal), 75 ohms
	PB (CB), PR (CR): 0.7 Vp-p, 75 ohms
Terminals | Computer (RGB) 1 In | S-Video	Y: 1.0 Vp-p; C: 0.286 Vp-p, 75 ohms
	NOTE: D-Sub -S video conversion cable (ET-ADSV) is required.
Terminals | Computer (RGB) 2 In	D-sub HD 15-pin (female) x 1
Terminals | Computer (RGB) 2 In | R, G, B	R, G, B: 0.7 Vp-p, 75 ohms;
	HD/VD, SYNC: TTL (positive/negative automatic)
Terminals | Monitor Out	D-sub HD 15-pin (female) x 1
Terminals | Monitor Out | R, G, B	R, G, B: 0.7 Vp-p, 75 ohms;
	HD/VD, SYNC: TTL (positive/negative polarity compatible)
Terminals | Video In	Pin jack x 1, 1.0 Vp-p, 75 ohms
Terminals | Audio In 1	M3 (L, R) x 1, 0.5 Vrms
Terminals | Audio In 2	Pin jack x 2 (L, R x 1), 0.5 Vrms
Terminals | Audio Out	M3 (L, R) x 1 (monitor out: 0- 2.0 Vrms, variable)
Terminals | Serial In	D-sub 9-pin (female) x 1, for external control (RS-232C compliant)
Terminals | LAN	RJ-45 x 1, for network connection, compliant with PJLink™, 100Base-TX/10Base-T
Terminals | USB	USB A (type A) connector x 1,
	for Memory Viewer/Wireless Module (Out put 5V MAX 500mA)
	USB B (type B) connector x 1, for USB Display
Power Cord Length	1.8 m (5 ft 11 in)
Cabinet Materials	Molded plastic
Dimensions (W x H x D)	335 x 96* 4 x 252 mm
	(13-3/16 x 3-25/32*4 x 9-29/32 inches)
Weight*5	Approx. 2.9 kg (6.4 lbs)
Operation Noise*3	37 dB (Lamp power: Normal), 33 dB (Lamp power: Eco1)
	28 dB (Lamp power: Eco2)

Operating Temperature	5℃-40℃ (41°F-104°F)
	[at less than 1,400 m (4,593 ft.) ;[High land]:[off]
	5℃-35℃ (41°F-95°F)
	[at 1,400 m to 2,700 m (4,593 ft. to 8,858 ft.);[High land]:[on 1]
	5℃-30℃ (41°F-86°F)
	[at 2,700 m to 3,000 m (8,858 ft. to 9,843 ft.);[High land]:[on 2]
Operating Humidity	20%-80% (no condensation)
Note	*1 When the Standby mode is set to Eco, network functions such as power on over the LAN network will not operate. Also, only certain commands can be received for external control using the serial terminal.
	*2 Usage environment affects the duration of filter.
	*3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
	*4 With legs at shortest position.
	*5 Average value. May differ depending on models.
	*6 Operation range differs depending on environments.
Brightness	3100 lumens
Technology	LCD