



PT-CW330 SERIES 1-CHIP DLP™ PROJECTORS

HIGH BRIGHTNESS ULTRA-SHORT THROW PROJECTORS

PT- CW330	PT- CW240	PT- CX300
3,100 lm	2,600 lm	3,100 lm
WXGA	WXGA	XGA

A wide variety of functions expands projector possibilities.

- These projectors are effective for presentations in classrooms and meeting rooms
- Projection onto a wide 80-inch screen with a short projection distance of 0.60m^{*1}
- High brightness of 3,100 lm^{*2} and high contrast ratio of 8,000:1^{*3}
- 3D projection makes classes, seminars and exhibitions more impressive
- The DLP™ system maintains long-lasting, stable performance

Superb Performance

- 10 W high-output speaker meet your meeting/seminar room needs
- Lamp replacement cycle of up to 5000 hours^{*4}
- 0.5 W^{*5} standby power consumption
- Extensive interfaces with an HDMI input terminal
- "Crestron RoomView™" compatible

Convenient Functions

- "Wall Colour Setting" convenient for a classroom with no screen
- Easy to replace lamp
- "Security Bar" useful for protection against theft
- Wireless remote control is convenient when using more than one projector

^{*1} For PT-CW330 and PT-CW240

^{*2} PT-CW240 has brightness of 2,600 lm

^{*3} During RGB signal input, Lamp power : normal

^{*4} 4000 hours for PT-C330 / PT-CX300

^{*5} When [LAN (Standby)]/[VGA Out (Standby)]/[In Standby Mode (Audio)] are all set to [Off]

Optional Accessories

Ceiling mount bracket for high ceilings*6
ET-PKV100H

Ceiling mount bracket for low ceilings*6
ET-PKV100S

Bracket assembly
ET-PKC200B

Wall mount bracket
ET-PKC200W

Replacement lamp unit
ET-LAC300

*Exclusively for
PT-CW330/CX300

Replacement lamp unit
ET-LAC200

*Exclusively for PT-CW240

SPECIFICATIONS

Model	PT-CW330	PT-CW240	PT-CX300
Power supply	100 – 240 V AC, 50/60 Hz		
Power consumption	340 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.)	310 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.)	340 W (0.5 W when STANDBY MODE set to ECO,*1 6.0 W when STANDBY MODE set to NORMAL.)
DLP™ chip	Panel size	16.5 mm (0.65 inches) (16:10 aspect ratio)	
	Display method	DLP™ chip x 1 DLP™ system	
	Pixels	1,024,000 (1,280 x 800) pixels	786,432 (1,024 x 768) pixels
Lens	Fixed/manual focus F = 2.6 f = -5.27 mm		
Lamp	280 W UHM lamp (The lamp replacement cycle is 4,000 hours*2)	240 W UHM lamp (The lamp replacement cycle is 5,000 hours*2)	280 W UHM lamp (The lamp replacement cycle is 4,000 hours*2)
Screen size (diagonal)	1.78 – 2.54 m (70 – 100 inches) (16:10 aspect ratio)		1.52 – 2.29 m (60 – 90 inch) (4:3 aspect ratio)
Colour reproducibility	Full colour (16.77 million colours)		
Brightness*3	3100 lm	2600 lm	3100 lm
Center-to-corner uniformity*3	80%		
Contrast*3	8000:1 (full on/off) (During RGB signal input, Lamp power:Normal)		
Resolution	1,280 × 800 pixels (Input signals that exceed this resolution will be converted to 1,280 × 800 pixels.)		1,024x768 pixels (Input signals that exceed this resolution will be converted to 1,024 x 768 pixels.)
Scanning frequency	HDMI	(Horizontal) 15–100 kHz; (Vertical) 24–120 Hz; (Dot clock) 25–162 MHz	
	RGB (analog)	(Horizontal) 15–100 kHz; (Vertical) 24–120 Hz; (Dot clock) 162 MHz or lower	
	YPBPR (YCBCR)	fH: 15.75 kHz, fV: 60 Hz [480i(525i)]; fH: 31.50 kHz, fV: 60 Hz [480p(525p)]; fH: 45.00 kHz, fV: 60 Hz [720(750)/60p]; fH: 33.75 kHz, fV: 60 Hz [1080(1125)/60i]; fH: 27.00 kHz, fV: 24 Hz [1080(1125)/24p]; fH: 15.63 kHz, fV: 50 Hz [576i(625i)]; fH: 31.25 kHz, fV: 50 Hz [576p(625p)]; fH: 37.50 kHz, fV: 50 Hz [720(750)/50p]; fH: 28.13 kHz, fV: 50 Hz [1080(1125)/50i]; fH: 67.50 kHz, fV: 60 Hz [1080(1125)/60p]; fH: 56.25 kHz, fV: 50 Hz [1080(1125)/50p]	
	Video / S-Video	(fH)15.75/15.63kHz (fV)50/60Hz [NTSC/NTSC4.43/PAL/60/PAL-N/PAL-M/SECAM]	
Keystone correction range	Vertical: ± 15°		
Installation	Ceiling/floor, front/rear (Menu setting)		
Built-in speaker	7 cm x 3 cm Oval x1 output power 10 W (Monaural)		
Terminals	HDMI IN	(HDMI 19-pin) x 1 (Deep colour, compatible with HDCP) Audio signal Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)	
	COMPUTER IN 1	D-sub HD 15-pin (female) x 1 (RGB/YPB(CB)/PR(CR) x 1)	
	COMPUTER IN 2	D-sub HD 15-pin (female) x 1 (RGB/YPB(CB)/PR(CR) x 1)	
	MONITOR OUT	D-sub HD 15-pin (female) x 1 (The signal selected from computer input 1/2 is output.)	
	VIDEO IN	Pin jack x 1	
	S-VIDEO IN	Mini DIN 4-pin x 1	
	COMPUTER AUDIO IN	M3 x 2 (L-R x 1)	
	VIDEO AUDIO IN	Pin jack x 2 (L-R x 1)	
	S-VIDEO AUDIO IN	Pin jack x 2 (L-R x 1)	
	AUDIO OUT	M3 x 1 (L-R x 1)	
	SERIAL IN	D-sub 9-pin (female) x 1 for external control (RS-232C compliant)	
LAN	(RJ-45) x 1 (for network connection, 100BASE-TX/10BASE-T, compliant with PLink™ (class 1))		
Cabinet materials	Molded plastic (PC)		
Dimensions (W × H × D)	357 x 250 x 367 mm (14-1/16" × 9-27/32" × 14-29/64") (with legs at shortest position)		
Weight	Approx.7.7 kg (17.0 lbs)*4	Approx.7.5 kg (16.5 lbs)*4	Approx.7.7 kg (17.0 lbs)*4
Noise level	37 dB (Lamp power: Normal); 33 dB (Lamp power: Eco)	35 dB (Lamp power: Normal); 30 dB (Lamp power: Eco)	37 dB (Lamp power: Normal); 33 dB (Lamp power: Eco)
Operating environment	Operating temperature: 5°C – 40°C(41°F – 104°F) [Less than 750 m (2,500 ft) above sea level]; 5°C – 35°C(41°F – 95°F) [750 – 1,500 m (2,500 – 5,000 ft) above sea level]; 5°C – 30°C(41°F – 86°F) [1,500 – 3,000 m (5,000 – 10,000 ft) above sea level] Operating humidity: 20% – 80% (no condensation)		
Supplied accessories	Power cord (3 m) x 1*5, Power cord cover x 1, Wireless remote control unit x 1, Lithium coin cell battery x 1, Computer cable (1.8 m) x 1		

*1 When [LAN (Standby)]/[VGA Out (Standby)]/[In Standby Mode (Audio)] are all set to [Off]. *2 This is the maximum value when the lamp power is set to Eco mode where the lamp is turned on for 2 hours and off for 0.25 hours. If the lamp is turned on more times or kept on for a long time, the lamp replacement cycle will shorten. In Normal mode, the lamp replacement cycle is 3,000 hours (3,500 hours for PT-CW240). The usage environment affects the duration of the lamp. *3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards. *4 The above values are averages. Actual values may be different according to the product. *5 Power cord (x2) for the PT-CW330EA/CW240EA/CX300EA *6 This product is used together with an optional bracket assembly (sold separately).

Specifications and appearance are subject to change without notice.
This product may be subject to export control regulations.

The projection distances and throw ratios given in this brochure are for use only as guidelines.
For more detailed information, please consult the dealer from whom you are purchasing the product.
The PLink trademark is an application trademark in Japan, the United States, and other countries and regions or registered trademarks. DLP™ (Digital Light Processing), DLP™ Chip, DLP Medallion

Logo and DLPTM Link™ are trademarks or registered trademarks of Texas Instruments.
HDMI, the HDMI logo and High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing LLC. Crerstron Connected is a registered trademarks of Crerstron Electronics, Inc.
All other trademarks are the property of their respective trademark owners. Projection images simulated.
© 2013 Panasonic Corporation. All rights reserved.

For more information about Panasonic projectors, please visit:
Projector Web Site – business.panasonic.co.uk/visual-system

Panasonic