

## The complete Hitachi projector range 2014

A projector to  
suit every need



Follow us:



@HitachiAV

[www.hitachidigitalmedia.com](http://www.hitachidigitalmedia.com)

Hitachi's Projector  
Quick Connection App



# A projector to suit every need



## Portable Projectors

Whether you are on the move or in an office, Hitachi's portable projectors are perfect for today's mobile professionals. They combine simple usability with powerful performance in a light weight and compact design enabling users to set up their presentations in seconds.



## Education Projectors

Make the most of your lessons with Hitachi Education Projectors. The new generation of Ultimate Short Throw projectors have become an essential tool for anyone in the classroom. Hitachi is leading the way with continuous advances in interactivity, image quality, functionality, security and affordability. As you would expect, features like low noise, usability and durability are assured.



## Multi Purpose Projectors

Our Multi Purpose range contains the finest features for business and education. Whichever model you choose, you'll find top-of-the range picture quality, security and networking, in a user-friendly package. Hitachi is dedicated to lowering costs and protecting the environment, so the range also features longer-life parts and energy-saving settings.



## Short Throw Projectors

Project large, bright images in tight spaces with Hitachi's Short Throw Projectors. These lightweight and compact projectors are perfect for small and medium sized meeting rooms. They are easy to install and flexible to use with optional wireless networking, providing an affordable solution for not only business settings but education settings too.



## Ultra Short Throw Projectors

Hitachi Ultra Short Throw projectors help you get the most out of your presentations or lessons. These lightweight and compact projectors offer the highest quality images with a compelling design and low cost of ownership. You can project onto any existing whiteboard, wall or table top. They are also easy to install and flexible to use with optional wireless networking.



## Installation Projectors

Ideal for medium to large venues, our installation models deliver high performance, advanced networking capabilities and simple user functionality making them a cost effective solution for a multitude of installation requirements.



## Professional Series Projectors

Uncompromising quality, flexibility of installation and extended product life are features on offer with our Professional Series Installation Projectors. Life of the product is extended considerably with virtually maintenance free inorganic LCD panels and polarizer filters.

	Portable				
	Entry Level				
					
Technical Specifications	CP-DX250	CP-DX300	CP-DH300	CP-EW250N	CP-X2530WN
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	Full HD (1920 x 1080)	WXGA (1280 x 800)	XGA (1024 x 768)
Light Output (Brightness)	2500 Lumens (Normal)/2100 Lumens (Eco)	3000 Lumens (Normal)/2600 Lumens (Eco)	3000 Lumens (Normal)/2500 Lumens (Eco)	2500 Lumens (Normal)/1700 Lumens (Eco)	2700 Lumens (Normal)/1800 Lumens (Eco)
Intelligent Eco Mode	No	No	No	Yes	Yes
Liquid Crystal Panel Structure	0.55" (1.4cm) DLP	0.55" (1.4cm) DLP	0.65" (1.65cm) DLP	0.59" (1.5cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3
Contrast Ratio	2500:1	2500:1	2000:1	2000:1	4000:1
Noise	35dB (Normal)/31dB (Eco)	35dB (Normal)/31dB (Eco)	34dB (Normal)/30dB (Eco)	38dB (Normal)/30dB (Eco)	38dB (Normal)/30dB (Eco)
Lamp Life (Hours)	4500 (Normal)/6000 (Eco)	4500 (Normal)/6000 (Eco)	4000 (Normal)/5000 (Eco)	5000 (Normal)/6000 (Eco)	5000 (Normal)/6000 (Eco)
Display Size	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)
Throw Distance	1.0m~8.0m <sup>3</sup>	1.0m~8.0m <sup>3</sup>	0.8m~10.0m	0.9m~11.5m	0.8m~10.8m
Lens	Manual focus, Manual zoom x1.1	Manual focus, Manual zoom x1.1	Manual focus, Manual zoom x1.3	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.2
Keystone Correction	Fixed, 11:-1 upward shift	Fixed, 11:-1 upward shift	Fixed, 21:-1 upward shift	Fixed, 13:-1 upward shift	Fixed, 6:-1 upward shift
Distance to Width Ratio (-1)	1.86 (Wide), 2.04 (Tele)	1.86 (Wide), 2.04 (Tele)	1.15 (Wide), 2.04 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)
Physical:					
Weight	2.2Kg	2.2Kg	<2.2Kg	3.0Kg	3.0Kg
Dimensions (W x H x D)	265 x 81.5 x 223mm (excluding lens and feet)	265 x 81.5 x 223mm (excluding lens and feet)	265 x 81.5 x 223mm (excluding lens and feet)	320 x 85 x 245mm (excluding lens and feet)	320 x 85 x 245mm (excluding lens and feet)
Power Consumption/Standby	235W/0.5W	235W/0.5W	260W/<0.5W	310W/<0.5W	310W/<0.5W
Speakers	2W mono	2W mono	2W mono	16W x 1 mono	16W x 1 mono
Filter	No	No	No	Urethane (up to 2000 hours)	Hybrid (up to 5000 hours)
Connectors:					
Digital Input	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI
Computer Input	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub
Computer Output	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
Video Input	2 x component D-sub, 1 x RCA for composite, 1 x S-Video	2 x component D-sub, 1 x RCA for composite, 1 x S-Video	2 x component D-sub, 1 x RCA for composite, 1 x S-Video	1 x 15-pin mini D-sub, 1 x RCA for composite	2 x 15-pin mini D-sub, 1 x RCA for composite, 1 x S-Video
Audio Input	1 x stereo mini jack	1 x stereo mini jack	1 x stereo mini jack	1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)
Audio Output	1 x stereo mini jack	1 x stereo mini jack	1 x stereo mini jack	1 x pair RCA (L/R)	1 x pair RCA (L/R)
Control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
Wireless LAN/Wired LAN	No/No	No/No	No/No	No/Yes	Yes (optional)/Yes
PC-Less Presentation USB Type A	No	No	No	No	Yes
Mouse control USB Type B	Yes (USB mini, for firmware update)	Yes (USB mini, for firmware update)	Yes (USB mini, for firmware update)	Yes	Yes
Wired Remote control	No	No	No	No	No
Compatibility:					
Computer	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (up to UXGA 60Hz)	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (up to UXGA 60Hz)	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (up to UXGA 60Hz)	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"
Video	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43, PAL60	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
Accessories Included:					
Remote control (with batteries)	Yes - HL02961	Yes - HL02961	Yes - HL02961	Yes - HL02881	Yes - HL02881
Other	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD
Replacement Lamp/Lamp Wattage	DT01461/196W	DT01461/196W	DT01463/210W	DT01491/225W (UHP)	DT01431/215W (UHP)
Projector Warranty	3 Years	3 Years	3 Years	3 Years	3 Years
Lamp Warranty	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>

## Multi Purpose

Stackable



Technical Specifications	CP-EW300N	CP-X3030WN	CP-WX3030WN	CP-X4015WN	CP-X4022WN <sup>4</sup>
<b>Resolution</b>	WXGA (1280 x 800)	XGA (1024 x 768)	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)
<b>Light Output (Brightness)</b>	3000 Lumens (Normal)/2000 Lumens (Eco)	3200 Lumens (Normal)/2100 Lumens (Eco)	3000 Lumens (Normal)/2000 Lumens (Eco)	4000 Lumens (Normal)/2600 Lumens (Eco)	4000 Lumens (Normal)/2800 Lumens (Eco)
<b>Intelligent Eco Mode</b>	Yes	Yes	Yes	Yes	Yes
<b>Liquid Crystal Panel Structure</b>	0.59" (1.5cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3
<b>Contrast Ratio</b>	2000:1	4000:1	4000:1	3000:1	3000:1
<b>Noise</b>	38dB (Normal)/30dB (Eco)	38dB (Normal)/30dB (Eco)	38dB (Normal)/30dB (Eco)	37dB (Normal)/30dB (Eco)	36dB (Normal)/30dB (Eco)
<b>Lamp Life (Hours)</b>	5000 (Normal)/6000 (Eco)	5000 (Normal)/6000 (Eco)	5000 (Normal)/6000 (Eco)	5000 (Normal)/6000 (Eco)	3000 (Normal)/5000 (Eco)
<b>Display Size</b>	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)
<b>Throw Distance</b>	0.9m~11.5m	0.8m~10.8m	0.9m~11.5m	0.9m~10.7m	0.9m~15.1m
<b>Lens</b>	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.7
<b>Keystone Correction</b>	Fixed, 13:1 upward shift	Fixed, 6:1 upward shift	Fixed, 13:1 upward shift	Fixed, 9:1 upward shift	10:1~4:1 upward shift
<b>Distance to Width Ratio (-:1)</b>	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 2.5 (Tele)
<b>Physical:</b>					
<b>Weight</b>	3.0Kg	3.0Kg	3.0Kg	3.6Kg	4.6Kg
<b>Dimensions (W x H x D)</b>	320 x 85 x 245mm (excluding lens and feet)	320 x 85 x 245mm (excluding lens and feet)	320 x 85 x 245mm (excluding lens and feet)	317 x 98 x 288mm (excluding lens and feet)	401 x 103 x 318mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	310W/<0.5W	310W/<0.5W	300W/<0.5W	300W/<0.5W	350W/<0.5W
<b>Speakers</b>	16W x 1 mono	16W x 1 mono	16W x 1 mono	16W mono (8W x 2)	8W x 2 mono
<b>Filter</b>	Urethane (up to 2000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)
<b>Connectors:</b>					
<b>Digital Input</b>	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI
<b>Computer Input</b>	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	1 x 15-pin mini D-sub, 5 x BNC
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x 15-pin mini D-sub, 1 x RCA for composite	2 x 15-pin mini D-sub, 1 x RCA for composite, 1 x S-Video	2 x 15-pin mini D-sub, 1 x RCA for composite, 1 x S-Video	2 x 15-pin mini D-sub, 1 x RCA for composite, 1 x S-Video	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub
<b>Audio Input</b>	1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)
<b>Audio Output</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	No/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	No	Yes	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	Yes	Yes	Yes	Yes
<b>Wired Remote control</b>	No	No	No	No	Yes
<b>Compatibility:</b>					
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
<b>Accessories Included:</b>					
<b>Remote control (with batteries)</b>	Yes - HL02881	Yes - HL02881	Yes - HL02881	Yes - HL02881	Yes - HL02774
<b>Other</b>	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Network and wireless software	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD
<b>Replacement Lamp/Lamp Wattage</b>	DT01491/225W (UHP)	DT01431/215W (UHP)	DT01481/225W (UHP)	DT01371/215W (UHP)	DT01171/245W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/6000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>

	Multi Purpose		Short Throw		
	Stackable				
					
<b>Technical Specifications</b>	<b>CP-WX4022WN<sup>4</sup></b>	<b>CP-X5022WN<sup>4</sup></b>	<b>CP-CX300WN</b>	<b>CP-CW250WN</b>	<b>CP-CW300WN</b>
<b>Resolution</b>	WXGA (1280 x 800)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)
<b>Light Output (Brightness)</b>	4000 Lumens (Normal)/2800 Lumens (Eco)	5000 Lumens (Normal)/3500 Lumens (Eco)	3100 Lumens (Normal)/2000 Lumens (Eco)	2600 Lumens (Normal)/1700 Lumens (Eco)	3100 Lumens (Normal)/2000 Lumens (Eco)
<b>Intelligent Eco Mode</b>	Yes	Yes	Yes	Yes	Yes
<b>Liquid Crystal Panel Structure</b>	0.59" (1.5cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3
<b>Contrast Ratio</b>	3000:1	3000:1	3000:1	3000:1	3000:1
<b>Noise</b>	35dB (Normal)/29dB (Eco)	36dB (Normal)/30dB (Eco)	37dB (Normal)/30dB (Eco)	37dB (Normal)/30dB (Eco)	37dB (Normal)/30dB (Eco)
<b>Lamp Life (Hours)</b>	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)
<b>Display Size</b>	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	60"~150" (1.52m~3.81m)	60"~150" (1.52m~3.81m)	60"~150" (1.52m~3.81m)
<b>Throw Distance</b>	0.9m~16.1m	0.9m~15.1m	0.69m~1.83m	0.73m~1.95m	0.73m~1.95m
<b>Lens</b>	Manual focus, Manual zoom x1.7	Manual focus, Manual zoom x1.7	Manual focus, Digital zoom x1.35	Manual focus, Digital zoom x1.35	Manual focus, Digital zoom x1.35
<b>Keystone Correction</b>	11:-1~6:1 upward shift	10:1~4:1 upward shift	Fixed 11:-1 upward shift	Fixed 5.6:-1 upward shift	Fixed 5.6:-1 upward shift
<b>Distance to Width Ratio (:1)</b>	1.5 (Wide), 2.5 (Tele)	1.5 (Wide), 2.5 (Tele)	1:0.6	1:0.6	1:0.6
<b>Physical:</b>					
<b>Weight</b>	4.6Kg	4.6Kg	3.6Kg	3.6Kg	3.6Kg
<b>Dimensions (W x H x D)</b>	401 x 103 x 318mm (excluding lens and feet)	401 x 103 x 318mm (excluding lens and feet)	345 x 85 x 303mm (excluding lens and feet)	345 x 85 x 303mm (excluding lens and feet)	345 x 85 x 303mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	350W/<0.5W	350W/<0.5W	300W/<0.35W	300W/<0.35W	300W/<0.35W
<b>Speakers</b>	8W x 2 mono	8W x 2 mono	10W x 1 mono	10W x 1 mono	10W x 1 mono
<b>Filter</b>	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)
<b>Connectors:</b>					
<b>Digital Input</b>	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI
<b>Computer Input</b>	1 x 15-pin mini D-sub, 5 x BNC	1 x 15-pin mini D-sub, 5 x BNC	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub	1 x RCA for composite, 1 x S-Video, 2 x 15-pin mini D-sub	1 x RCA for composite, 1 x S-Video, 2 x 15-pin mini D-sub	1 x RCA for composite, 1 x S-Video, 2 x 15-pin mini D-sub
<b>Audio Input</b>	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)
<b>Audio Output</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	Yes	Yes	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	Yes	Yes	Yes	Yes
<b>Wired Remote control</b>	Yes	Yes	No	No	No
<b>Compatibility:</b>					
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, WSXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
<b>Accessories Included:</b>					
<b>Remote control (with batteries)</b>	Yes - HL02774	Yes - HL02774	Yes - HL02881	Yes - HL02881	Yes - HL02881
<b>Other</b>	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Lens cover, Wireless USB adapter cover, Application CD
<b>Replacement Lamp/Lamp Wattage</b>	DT01171/245W (UHP)	DT01171/245W (UHP)	DT01511/225W (UHP)	DT01511/225W (UHP)	DT01511/225W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/5000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>	6 Months/5000 Hours (Eco) <sup>1</sup>



## Education

### Portable

### Short Throw

### Ultra Short Throw

### Interactive



Technical Specifications	CP-EX250N	CP-EX300N	CP-CX250	CP-AX2503	CP-AW2519NM	CP-TW2503
<b>Resolution</b>	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)	WXGA (1280 x 800)
<b>Light Output (Brightness)</b>	2700 Lumens (Normal)/1800 Lumens (Eco)	3200 Lumens (Normal)/2100 Lumens (Eco)	2500 Lumens (Normal)/1700 Lumens (Eco)	2700 Lumens (Normal)/1800 Lumens (Eco)	2500 Lumens (Normal)/1700 Lumens (Eco)	2700 Lumens (Normal)/1800 Lumens (Eco)
<b>Intelligent Eco Mode</b>	Yes	Yes	Yes	Yes	No	Yes
<b>Liquid Crystal Panel Structure</b>	0.63" (1.6cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.63" (1.6cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3
<b>Contrast Ratio</b>	2000:1	2000:1	2000:1	5000:1	2000:1	5000:1
<b>Noise</b>	38dB (Normal)/30dB (Eco)	38dB (Normal)/30dB (Eco)	37dB (Normal)/30dB (Eco)	34dB (Normal)/28dB (Eco)	34dB (Normal)/28dB (Eco)	36dB (Normal)/29dB (Eco)
<b>Lamp Life (Hours)</b>	5000 (Normal)/6000 (Eco)	5000 (Normal)/6000 (Eco)	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)	3000 (Normal)/5000 (Eco)	2500 (Normal)/4000 (Eco)
<b>Display Size</b>	30"~300" (0.76m~7.62m)	30"~300" (0.76m~7.62m)	60"~150" (1.52m~3.81m)	60"~100" (1.52m~2.54m)	60"~100" (1.52m~2.54m)	60"~100" (1.52m~2.54m)
<b>Throw Distance</b>	0.8m~10.8m	0.8m~10.8m	0.69m~1.83m	0.103m~0.463m (from front of projector)	0.12m~0.392m	0.126m~0.41m (from front of projector)
<b>Lens</b>	Manual focus, Manual zoom x1.2	Manual focus, Manual zoom x1.2	Manual focus, Digital zoom x1.35	Powered focus, Digital zoom x1.35	Free shaped lens and motorised free shaped mirror	Powered focus, Digital zoom x1.35
<b>Keystone Correction</b>	Fixed, 6:1 upward shift	Fixed, 6:1 upward shift	Fixed 11:-1 upward shift	Fixed, 7.7:-1 upward shift	Fixed, 5.2:-1 upward shift	Fixed, 4.6:-1 upward shift
<b>Distance to Width Ratio (:1)</b>	1.5 (Wide), 1.8 (Tele)	1.5 (Wide), 1.8 (Tele)	1:0.6	0.3	0.3:1 (Fixed)	0.3
<b>Interactive Features</b>	No	No	No	No	Pen-based single touch interactive system with Hitachi StarBoard™ software	Up to 4 pen/touch finger write (option), PC less interactive, Windows 8 multi touch operation with up to 4pen/touch (option)
<b>Physical:</b>						
<b>Weight</b>	3.1Kg	3.1Kg	3.4Kg	4.3Kg	4.1Kg	<4.5Kg
<b>Dimensions (W x H x D)</b>	320 x 85 x 245mm (excluding lens and feet)	320 x 85 x 245mm (excluding lens and feet)	345 x 85 x 303mm (excluding lens and feet)	377 x 136 x 360mm (excluding lens and feet)	345 x 102 x 303mm (excluding lens and feet)	377 x 136 x 360mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	310W/<0.5W	310W/<0.5W	290W/<0.35W	320W/<0.3W	300W/<0.3W	350W/<0.35W
<b>Speakers</b>	16W x 1 mono	16W x 1 mono	1W x 1 mono	16W x 1 mono	10W x 1 mono	16W x 1 Mono
<b>Filter</b>	Urethane (up to 2000 hours)	Urethane (up to 2000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 4000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 4000 hours)
<b>Connectors:</b>						
<b>Digital Input</b>	1 x HDMI	1 x HDMI	–	2 x HDMI	1 x HDMI	2 x HDMI
<b>Computer Input</b>	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub	2 x 15-pin mini D-sub
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x 15-pin mini D-sub, 1 x RCA for composite	1 x 15-pin mini D-sub, 1 x RCA for composite	1 x RCA for composite, 1 x S-Video, 2 x 15-pin mini D-sub	1 x RCA for composite	1 x RCA for composite, 2 x 15-pin mini D-sub, 1 x S-Video	1 x RCA for composite
<b>Audio Input</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	2 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)	1 x stereo mini jack, 1 x pair RCA (L/R), 1 x microphone jack (stereo mini)
<b>Audio Output</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x stereo mini jack	1 x pair RCA (L/R)	1 x stereo mini jack
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	No/Yes	No/Yes	No/No	Yes (optional)/Yes	No/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	No	No	No	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Wired Remote control</b>	No	No	No	No	No	No
<b>Compatibility:</b>						
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, SXGA, WXGA+, SXGA+, UXGA (compressed), MAC 16"	XGA	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, MAC 16"	WXGA
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, PAL(60Hz), NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, PAL(60Hz), NTSC4.43
<b>Accessories Included:</b>						
<b>Remote control (with batteries)</b>	Yes - HL02881	Yes - HL02881	Yes - HL02881	Yes - HL03033	Yes - HL02772	Yes - HL03033
<b>Other</b>	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual, Lens cover	Power cable, Computer cable, Cable cover, User manual, Wall mount (HAS-WM03), Wireless USB adapter cover, Application CD	Power cable, Computer cable, User manual, Interactive pen, Hitachi StarBoard™ software	Power cable, Computer cable, Cable cover, TR01 teacher's remote control, interactive pen x 2, User manual, Wall mount (HAS-WM03), Wireless USB adapter cover, Application CD, Hitachi StarBoard™ software, I-Pro interactive software
<b>Replacement Lamp/Lamp Wattage</b>	DT01433/215W (UHP)	DT01433/215W (UHP)	DT01511/225W (UHP)	DT01511/225W (UHP)	DT01251/210W (UHP)	DT01411/250W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	3 Years/6000 Hours (Eco) <sup>2</sup>	3 Years/6000 Hours (Eco) <sup>2</sup>	3 Years/5000 Hours (Eco) <sup>2</sup>	3 Years/4000 Hours (Eco) <sup>2</sup>	3 Years/5000 Hours (Eco) <sup>2</sup>	3 Years/4000 Hours (Eco) <sup>2</sup>

# Installation

## 8000 Series



Technical Specifications	CP-X8150 <sup>5</sup>	CP-X8160 <sup>5</sup>	CP-X8170 <sup>5</sup>	CP-WX8240 <sup>5</sup>
<b>Resolution</b>	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)
<b>Light Output (Brightness)</b>	5000 Lumens (Normal)/3400 Lumens (Eco)	6000 Lumens (Normal)/4800 Lumens (Eco)	7000 Lumens (Normal)/5600 Lumens (Eco)	4000 Lumens (Normal)/2700 Lumens (Eco)
<b>Auto Eco Mode</b>	Yes	Yes	Yes	Yes
<b>Display Device</b>	0.63" (1.6cm) P-Si TFT x 3	0.79" (2.0cm) P-Si TFT x 3	0.79" (2.0cm) P-Si TFT x 3	0.59" (1.5cm) P-Si TFT x 3
<b>Contrast Ratio</b>	3000:1 Presentation Mode	3000:1 Presentation Mode	3000:1 Presentation Mode	3000:1 Presentation Mode
<b>Noise</b>	35dB (Normal)/29dB (Eco)	37dB (Normal)/31dB (Eco)	39dB (Normal)/33dB (Eco)	35dB (Normal)/29dB (Eco)
<b>Lamp Life (Hours)</b>	2500 (Normal)/4000 (Eco)	2500 (Normal)/3000 (Eco)	2000 (Normal)/2500 (Eco)	2500 (Normal)/4000 (Eco)
<b>Display Size</b>	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)
<b>Throw Distance</b>	0.9m~27.5m (with standard lens: SL-702)	0.9m~36.8m (with standard lens: ML-703)	0.9m~36.8m (with standard lens: ML-703)	1.0m~29.1m (with standard lens: SL-702)
<b>Lens</b>	Powered Zoom x1.5, Powered Focus	Powered Zoom x2.0, Powered Focus	Powered Zoom x2.0, Powered Focus	Powered Zoom x1.5, Powered Focus
<b>Keystone Correction</b>	Vertical 9:-1 shift	Vertical 10:0 shift	Vertical 10:0 shift	Vertical 5:-1 shift
<b>Distance to Width Ratio (:1)</b>	Dependent on lens	Dependent on lens	Dependent on lens	Dependent on lens
<b>Physical:</b>				
<b>Weight</b>	Approx 8.4Kg	Approx 8.7Kg	Approx 8.7Kg	Approx 8.4Kg
<b>Dimensions (W x H x D)</b>	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	355W/0.35W	455W/0.35W	480W/<0.35W	355W/0.35W
<b>Speakers</b>	8W x 2	8W x 2	No	8W x 2
<b>Filter</b>	Hybrid (up to 15,000 hours)	Hybrid (up to 20,000 hours)	Hybrid (up to 20,000 hours)	Hybrid (up to 15,000 hours)
<b>Connectors:</b>				
<b>Digital Input</b>	2 x HDMI	2 x HDMI	2 x HDMI	2 x HDMI
<b>Computer Input</b>	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC
<b>Audio Input</b>	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)
<b>Audio Output</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	Yes	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	Yes	Yes	Yes
<b>Wired Remote control</b>	Yes	Yes	Yes	Yes
<b>Compatibility:</b>				
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
<b>Accessories Included:</b>				
<b>Remote control (with batteries)</b>	Yes - HL02801	Yes - HL02801	Yes - HL02801	Yes - HL02801
<b>Other</b>	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover, Network and wireless software	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover
<b>Replacement Lamp/Lamp Wattage</b>	DT01281/245W (UHP)	DT01291/330W (UHP)	DT01471/365W (UHP)	DT01281/245W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/3000 Hours (Eco) <sup>1</sup>	6 Months/2500 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>



# Installation

## 8000 Series



Technical Specifications	CP-WX8255 <sup>5</sup>	CP-WX8265 <sup>5</sup>	CP-WU8440 <sup>5</sup>	CP-WU8450 <sup>5</sup>
<b>Resolution</b>	WXGA (1280 x 800)	WXGA (1280 x 800)	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)
<b>Light Output (Brightness)</b>	5500 Lumens (Normal)/4400 Lumens (Eco)	6500 Lumens (Normal)/5200 Lumens (Eco)	4200 Lumens (Normal)/2850 Lumens (Eco)	5000 Lumens (Normal)/4000 Lumens (Eco)
<b>Auto Eco Mode</b>	Yes	Yes	Yes	Yes
<b>Display Device</b>	0.75" (1.9cm) P-Si TFT x 3	0.75" (1.9cm) P-Si TFT x 3	0.76" (1.9cm) P-Si TFT x 3	0.76" (1.9cm) P-Si TFT x 3
<b>Contrast Ratio</b>	3000:1 Presentation Mode	3000:1 Presentation Mode	3000:1 Presentation Mode	3000:1 Presentation Mode
<b>Noise</b>	37dB (Normal)/31dB (Eco)	39dB (Normal)/33dB (Eco)	35dB (Normal)/29dB (Eco)	37dB (Normal)/31 dB (Eco)
<b>Lamp Life (Hours)</b>	2500 (Normal)/3000 (Eco)	2000 (Normal)/2500 (Eco)	2500 (Normal)/4000 (Eco)	2500 (Normal)/3000 (Eco)
<b>Display Size</b>	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)	30"~600" (0.76m~15.24m)
<b>Throw Distance</b>	1.0m~39.0m (with standard lens: ML-703)	1.0m~39.0m (with standard lens: ML-703)	1.0m~38.3m (with standard lens: ML-703)	1.0m~38.3m (with standard lens: ML-703)
<b>Lens</b>	Powered Zoom x2.0, Powered Focus	Powered Zoom x2.0, Powered Focus	Powered Zoom x2.0, Powered Focus	Powered Zoom x2.0, Powered Focus
<b>Keystone Correction</b>	Vertical 10:0 shift	Vertical 10:0 shift	Vertical 10:-1 shift	Vertical 10:-1 shift
<b>Distance to Width Ratio (-1)</b>	Dependent on lens	Dependent on lens	Dependent on lens	Dependent on lens
<b>Physical:</b>				
<b>Weight</b>	Approx 8.7Kg	Approx 8.8Kg	Approx 8.7Kg	Approx 8.7Kg
<b>Dimensions (W x H x D)</b>	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)	498 x 135 x 396mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	455W/0.35W	480W/0.35W	355W/0.35W	455W/0.35W
<b>Speakers</b>	8W x 2	No	8W x 2	8W x 2
<b>Filter</b>	Hybrid (up to 20,000 hours)	Hybrid (up to 20,000 hours)	Hybrid (up to 15,000 hours)	Hybrid (up to 20,000 hours)
<b>Connectors:</b>				
<b>Digital Input</b>	2 x HDMI	2 x HDMI	2 x HDMI	2 x HDMI
<b>Computer Input</b>	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC
<b>Audio Input</b>	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)	2 x stereo mini jack, 1 x pair RCA (L/R)
<b>Audio Output</b>	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)	1 x pair RCA (L/R)
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	Yes	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	Yes	Yes	Yes
<b>Wired Remote control</b>	Yes	Yes	Yes	Yes
<b>Compatibility:</b>				
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, WUXGA, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, WUXGA, SXGA, SXGA+, UXGA (compressed), MAC16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
<b>Accessories Included:</b>				
<b>Remote control (with batteries)</b>	Yes - HL02801	Yes - HL02801	Yes - HL02801	Yes - HL02801
<b>Other</b>	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover, Network and wireless software	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover
<b>Replacement Lamp/Lamp Wattage</b>	DT01291/330W (UHP)	DT01471/365W (UHP)	DT01281/245W (UHP)	DT01291/330W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/3000 Hours (Eco) <sup>1</sup>	6 Months/2500 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/3000 Hours (Eco) <sup>1</sup>

## Installation

### 8000 Series



### 9000 Series



Technical Specifications	CP-WU8460 <sup>®</sup>	CP-WU9410 <sup>®</sup>	CP-WX9210 <sup>®</sup>	CP-X9110 <sup>®</sup>
<b>Resolution</b>	WUXGA (1920 x 1200)	WUXGA (1920 x 1200)	WXGA (1280 x 800)	XGA (1024 x 768)
<b>Light Output (Brightness)</b>	6000 Lumens (Normal)/4800 Lumens (Eco)	8500 Lumens (Normal)/6400 Lumens (Eco)	8500 Lumens (Normal)/6400 Lumens (Eco)	10,000 Lumens (Normal)/7500 Lumens (Eco)
<b>Auto Eco Mode</b>	Yes	No	No	No
<b>Display Device</b>	0.76" (1.9cm) P-Si TFT x 3	0.67" (1.7cm) DLP <sup>®</sup> x 1	0.65" (1.6cm) DLP <sup>®</sup> x 1	0.7" (1.8cm) DLP <sup>®</sup> x 1
<b>Contrast Ratio</b>	3000:1 Presentation Mode	2500:1	2500:1	2500:1
<b>Noise</b>	39dB (Normal)/33dB (Eco)	36dB (Normal)/29dB (Eco)	36dB (Normal)/29dB (Eco)	36dB (Normal)/29dB (Eco)
<b>Lamp Life (Hours)</b>	2000 (Normal)/2500 (Eco)	2000 (Normal)/4000 (Eco)	2000 (Normal)/4000 (Eco)	2000 (Normal)/4000 (Eco)
<b>Display Size</b>	30"~600" (0.76m~15.24m)	50"~600" (1.27m~15.24m)	50"~600" (1.27m~15.24m)	50"~600" (1.27m~15.24m)
<b>Throw Distance</b>	1.0m~38.3m (with standard lens: ML-703)	Dependent on lens	Dependent on lens	Dependent on lens
<b>Lens</b>	Powered Zoom x2.0, Powered Focus	Lens not supplied (see optional lenses)	Lens not supplied (see optional lenses)	Lens not supplied (see optional lenses)
<b>Keystone Correction</b>	Vertical 10:0 shift	Vertical 11:-1 shift (with SD-903W lens)	Vertical 11:-1 shift (with SD-903W lens)	Vertical 11:-1 shift (with SD-903X lens)
<b>Distance to Width Ratio (:1)</b>	Dependent on lens	1.6~2.4 (with SD-903W lens)	1.7~2.6 (with SD-903W lens)	1.7~2.5 (with SD-903X lens)
<b>Physical:</b>				
<b>Weight</b>	Approx 8.8Kg	16.6Kg (without lens)	16.6Kg (without lens)	16.6Kg (without lens)
<b>Dimensions (W x H x D)</b>	498 x 135 x 396mm (excluding lens and feet)	537 x 170 x 438mm (excluding lens and feet)	537 x 170 x 438mm (excluding lens and feet)	537 x 170 x 438mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	480W/0.35W	990W/<0.5W	990W/<0.5W	990W/<0.5W
<b>Speakers</b>	No	No	No	No
<b>Filter</b>	Hybrid (up to 20,000 hours)	Hybrid (up to 15,000 hours)	Hybrid (up to 15,000 hours)	Hybrid (up to 15,000 hours)
<b>Connectors:</b>				
<b>Digital Input</b>	2 x HDMI	2 x HDMI	2 x HDMI	2 x HDMI
<b>Computer Input</b>	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 1 x BNC
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub
<b>Video Input</b>	1 x RCA for composite, 3 x RCA for component, 1 x S-Video, 1 x 15-pin mini D-sub, 3 x BNC	1 x BNC, 1 x DVI-D, 1 x RJ-45 (HD Base T)	1 x BNC, 1 x DVI-D, 1 x RJ-45 (HD Base T)	1 x BNC, 1 x DVI-D, 1 x RJ-45 (HD Base T)
<b>Audio Input</b>	2 x stereo mini jack, 1 x pair RCA (L/R)	No	No	No
<b>Audio Output</b>	1 x pair RCA (L/R)	No	No	No
<b>Control</b>	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
<b>Wireless LAN/Wired LAN</b>	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes	Yes (optional)/Yes
<b>PC-Less Presentation USB Type A</b>	Yes	Yes	Yes	Yes
<b>Mouse control USB Type B</b>	Yes	No	No	No
<b>Wired Remote control</b>	Yes	Yes	Yes	Yes
<b>Compatibility:</b>				
<b>Computer</b>	PC, VGA, SVGA, XGA, WXGA, WXGA+, WUXGA, SXGA, SXGA+, UXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA (compressed), MAC16"	PC, VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA (compressed), MAC16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43
<b>Accessories Included:</b>				
<b>Remote control (with batteries)</b>	Yes - HL02801	Yes - HL02803	Yes - HL02803	Yes - HL02803
<b>Other</b>	Power cable, Computer cable, User manual, Lens cover, Application CD, Wireless USB adapter cover, Network and wireless software	Power cable, Computer cable, User manual, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Application CD, Wireless USB adapter cover	Power cable, Computer cable, User manual, Application CD, Wireless USB adapter cover
<b>Replacement Lamp/Lamp Wattage</b>	DT01471/365W (UHP)	DT01581/370W (UHP)	DT01581/370W (UHP)	DT01581/370W (UHP)
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/3000 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>


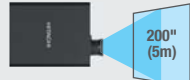

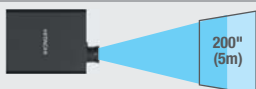

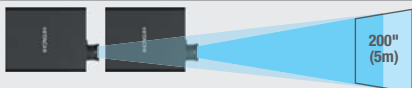



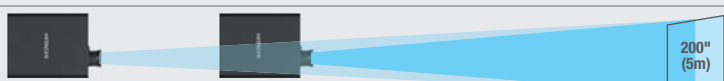

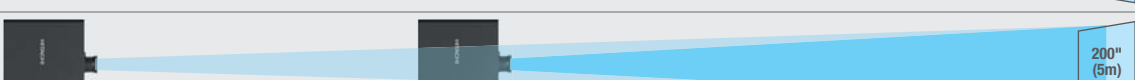
## Professional

### 10000 Series


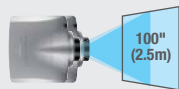

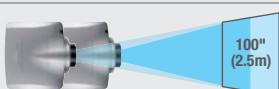
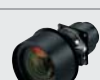





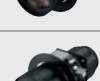



	CP-X10000 <sup>7</sup>	CP-WX11000 <sup>7</sup>	CP-SX12000 <sup>7</sup>	CP-WU13K <sup>8</sup>
<b>Technical Specifications</b>				
<b>Resolution</b>	XGA (1024 x 768)	WXGA (1366 x 800)	SXGA+ (1400 x 1050)	WUXGA (1920 x 1200)
<b>Light Output (Brightness)</b>	7500 Lumens (Normal)/6000 Lumens (Eco)	6500 Lumens (Normal)/5200 Lumens (Eco)	7000 Lumens (Normal)/5600 Lumens (Eco)	13,000 Lumens (Normal)/10,060 Lumens (Eco)
<b>Auto Eco Mode</b>	No	No	No	No
<b>Display Device</b>	1.3" (3.3cm)	1.22" (3.1cm)	1.3" (3.3cm)	0.96" (2.4cm) DMD x 3
<b>Contrast Ratio</b>	2500:1	2500:1	2500:1	2000:1
<b>Noise</b>	45dB (Normal)/37dB (Eco)	45dB (Normal)/37dB (Eco)	45dB (Normal)/37dB (Eco)	46dB (Normal)/42dB (Eco)
<b>Lamp Life (Hours)</b>	2000 (Normal)/3000 (Eco)	2000 (Normal)/3000 (Eco)	2000 (Normal)/3000 (Eco)	2000 (Normal)/2500 (Eco)
<b>Display Size</b>	40"~700" (1.02m~17.78m)	40"~700" (1.02m~17.78m)	40"~700" (1.02m~17.78m)	100"~400" (2.54m~10.16m) (with standard lens: ML-K04)
<b>Throw Distance</b>	1.0m~18.8m (depending on lens)	1.0m~18.8m (depending on lens)	1.0m~18.8m (depending on lens)	4.0m~24.0m (with standard lens: ML-K04)
<b>Lens</b>	Lens not supplied (see optional lenses)	Lens not supplied (see optional lenses)	Lens not supplied (see optional lenses)	Lens not supplied (see optional lenses)
<b>Keystone Correction</b>	1:1 shift (with standard lens: SD-804)	1:1 shift (with standard lens: SD-804)	1:1 shift (with standard lens: SD-804)	10:0 shift (with standard lens: ML-K04)
<b>Distance to Width Ratio (:1)</b>	2.2 (Wide), 2.9 (Tele) (with standard lens: SD-804)	2.2 (Wide), 2.9 (Tele) (with standard lens: SD-804)	2.2 (Wide), 2.9 (Tele) (with standard lens: SD-804)	1.87 (Wide), 2.56 (Tele) (with standard lens: ML-K04)
<b>Physical:</b>				
<b>Weight</b>	13.1Kg (without lens)	13.1Kg (without lens)	13.1Kg (without lens)	34Kg (without lens)
<b>Dimensions (W x H x D)</b>	476 x 272 x 469mm (excluding lens and feet)	476 x 272 x 469mm (excluding lens and feet)	476 x 272 x 469mm (excluding lens and feet)	500 x 633 x 270mm (excluding lens and feet)
<b>Power Consumption/Standby</b>	540W/<15W	540W/<15W	540W/<15W	1250W/<3W
<b>Speakers</b>	No	No	No	No
<b>Filter</b>	Super Hybrid (up to 20,000 hours)	Super Hybrid (up to 20,000 hours)	Super Hybrid (up to 20,000 hours)	Hybrid (up to 1000 hours)
<b>Connectors:</b>				
<b>Digital Input</b>	1 x HDMI	1 x HDMI	1 x HDMI	2 x HDMI, 1 x DVI-D, 1 x SDI/HDSDI/3G BNC (shared with output)
<b>Computer Input</b>	2 x 15-pin mini D-sub, 1 x BNC	2 x 15-pin mini D-sub, 1 x BNC	2 x 15-pin mini D-sub, 1 x BNC	1 x 15-pin mini D-sub, 5 x BNC
<b>Computer Output</b>	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	1 x 15-pin mini D-sub	No
<b>Video Input</b>	1 x RCA for composite, 1 x BNC composite, 1 x DVI-D, 1 x BNC component, 1 x S-Video, 1 x RCA for component	1 x RCA for composite, 1 x BNC composite, 1 x DVI-D, 1 x BNC component, 1 x S-Video, 1 x RCA for component	1 x RCA for composite, 1 x BNC composite, 1 x DVI-D, 1 x BNC component, 1 x S-Video, 1 x RCA for component	3 x RCA, 1 x 15-pin mini D-sub, 5 x BNC
<b>3D Synchronisation</b>	No	No	No	1 x BNC (in), 1 x BNC (out)
<b>12V Trigger</b>	No	No	No	2 x stereo mini jack
<b>Control</b>	1 x Serial port IN, 1 x RS-232C OUT	1 x Serial port IN, 1 x RS-232C OUT	1 x Serial port IN, 1 x RS-232C OUT	1 x 9-pin D-sub for RS-232C
<b>Wireless LAN/Wired LAN</b>	No/Yes	No/Yes	No/Yes	No/Yes
<b>USB Type B</b>	No	No	No	No
<b>Wired Remote control</b>	Yes	Yes	Yes	No
<b>Compatibility:</b>				
<b>Computer</b>	Up to UXGA (1600 x 1200) (compressed)	Up to UXGA (1600 x 1200) (compressed)	Up to UXGA (1600 x 1200) (compressed)	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC 16"
<b>Video</b>	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 1125p(1080p@50/60), 750p(720p@50/60)
<b>Accessories Included:</b>				
<b>Remote control (with batteries)</b>	Yes - HLO2198	Yes - HLO2198	Yes - HLO2198	Yes - HL03051
<b>Other</b>	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, Computer cable, User manual	Power cable, RS-232C cable, EAC document, User manual
<b>Replacement Lamp/Lamp Wattage</b>	DT01001/350W	DT01001/350W	DT01001/350W	DT01591/465W
<b>Projector Warranty</b>	3 Years	3 Years	3 Years	3 Years
<b>Lamp Warranty</b>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/4000 Hours (Eco) <sup>1</sup>	6 Months/2500 Hours (Eco) <sup>1</sup>


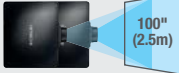










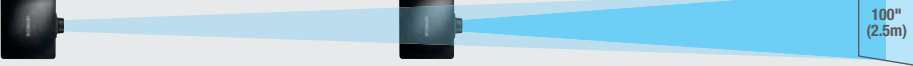
## CP-WU13K interchangeable lens options

		Projection distance (projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 200" (5m) screen
	<b>FL-K01</b> Ultra short throw lens Fixed focus	2.9m (114")	0.67	
	<b>FL-K02</b> Short throw lens Fixed focus	4.8m (189")	1.11	
	<b>SL-K03</b> Short throw lens Zoom: x1.3	6.0m~8.1m (236"~319")	1.39~1.87	
	<b>ML-K04</b> Standard lens Zoom: x1.3	8.1m~11.0m (319"~433")	1.87~2.56	
	<b>LL-K05</b> Long throw lens Zoom: x1.6	11.0m~17.9m (433"~705")	2.56~4.16	
	<b>UL-K06</b> Ultra long throw lens Zoom: x1.6	17.9m~30.0m (705"~1181")	4.16~6.96	










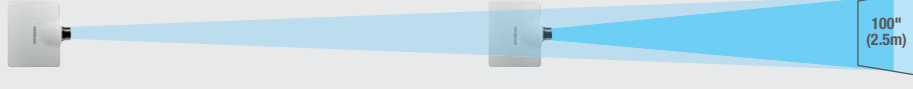
## 10000 series interchangeable lens options

		Projection distance (projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 100" (2.5m) screen
	<b>USL-801</b> Ultra short throw lens Zoom: x1.2	<b>CP-X10000</b> <b>CP-SX12000</b>	1.0m~1.2m (39"~47")	
		<b>CP-WX11000</b>	1.1m~1.3m (43"~51")	
	<b>SL-802</b> Short throw lens Zoom: x1.2	<b>CP-X10000</b> <b>CP-SX12000</b>	2.5m~3.0m (98"~118")	
		<b>CP-WX11000</b>	2.7m~3.3m (106"~130")	
	<b>SL-803</b> Short throw lens Zoom: x1.5	<b>CP-X10000</b> <b>CP-SX12000</b>	3.0m~4.4m (118"~173")	
		<b>CP-WX11000</b>	3.2m~4.7m (126"~185")	
	<b>SD-804</b> Standard lens Zoom: x1.3	<b>CP-X10000</b> <b>CP-SX12000</b>	4.4m~5.8m (173"~228")	
		<b>CP-WX11000</b>	4.8m~6.3m (189"~248")	
	<b>LL-805</b> Long throw lens Zoom: x1.8	<b>CP-X10000</b> <b>CP-SX12000</b>	5.7m~10.7m (224"~421")	
		<b>CP-WX11000</b>	6.2m~11.5m (244"~453")	
	<b>UL-806</b> Ultra long throw lens Zoom: x1.8	<b>CP-X10000</b> <b>CP-SX12000</b>	10.2m~18.8m (401"~740")	
		<b>CP-WX11000</b>	11.0m~20.3m (433"~799")	

## 9000 series interchangeable lens options

			Projection distance (projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 100" (2.5m) screen
	<b>USL-901</b> Ultra short throw lens Zoom: x1.3	<b>CP-WU9410</b> <b>CP-WX9210</b> <b>CP-X9110</b>	1.7m~2.1m (67"~83") 1.8m~2.2m (71"~87") 1.7m~2.1m (67"~83")	0.8~1.0 0.8~1.0 0.8~1.0	
	<b>SL-902</b> Short throw lens Zoom: x1.5	<b>CP-WU9410</b> <b>CP-WX9210</b> <b>CP-X9110</b>	2.5m~3.8m (98"~150") 2.7m~4.0m (106"~157") 2.5m~3.7m (98"~146")	1.1~1.7 1.2~1.8 1.2~1.8	
	<b>SD-903W</b> Standard lens Zoom: x1.5	<b>CP-WU9410</b> <b>CP-WX9210</b>	3.5m~5.3m (138"~209") 3.7m~5.6m (147"~220")	1.6~2.4 1.7~2.6	
	<b>SD-903X</b> Standard lens Zoom: x1.5	<b>CP-X9110</b>	3.5m~5.2m (138"~205")	1.7~2.5	
	<b>ML-904</b> Middle throw lens Zoom: x1.5	<b>CP-WU9410</b> <b>CP-WX9210</b> <b>CP-X9110</b>	5.2m~7.9m (205"~311") 5.5m~8.3m (216"~327") 5.1m~7.8m (201"~307")	2.4~3.6 2.5~3.8 2.5~3.8	
	<b>LL-905</b> Long throw lens Zoom: x1.6	<b>CP-WU9410</b> <b>CP-WX9210</b> <b>CP-X9110</b>	7.6m~12.2m (299"~480") 8.0m~12.9m (315"~508") 7.4m~12.0m (291"~472")	3.5~5.6 3.7~5.9 3.6~5.8	
	<b>UL-906</b> Ultra long throw lens Zoom: x1.6	<b>CP-WU9410</b> <b>CP-WX9210</b> <b>CP-X9110</b>	12.0m~19.0m (472"~748") 12.6m~20.0m (496"~787") 11.7m~18.6m (461"~732")	5.5~8.8 5.8~9.2 5.7~9.1	

## 8000 series interchangeable lens options

			Projection distance (projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 100" (2.5m) screen
	<b>FL-701</b> Ultra short throw lens Zoom: Fixed	<b>CP-X8170, CP-X8160</b> <b>CP-WU8460, CP-WU8450, CP-WU8440</b> <b>CP-WX8265, CP-WX8255</b> <b>CP-X8150</b> <b>CP-WX8240</b>	1.7m (67") 1.8m (71") 1.8m (71") 2.1m (83") 2.2m (87")	0.8 0.8 0.8 1.0 1.0	
	<b>SL-702</b> Short throw lens Zoom: x1.5	<b>CP-X8170, CP-X8160</b> <b>CP-WU8460, CP-WU8450, CP-WU8440</b> <b>CP-WX8265, CP-WX8255</b> <b>CP-X8150</b> <b>CP-WX8240</b>	2.5m~3.7m (98"~146") 2.5m~3.8m (98"~150") 2.6m~3.9m (102"~154") 3.1m~4.6m (122"~181") 3.2m~4.9m (126"~193")	1.2~1.8 1.2~1.8 1.2~1.8 1.5~2.2 1.5~2.2	
	<b>ML-703</b> Middle throw lens Zoom: x2.0	<b>CP-X8170, CP-X8160</b> <b>CP-WU8460, CP-WU8450, CP-WU8440</b> <b>CP-WX8265, CP-WX8255</b> <b>CP-X8150</b> <b>CP-WX8240</b>	3.1m~6.2m (122"~244") 3.2m~6.4m (126"~252") 3.3m~6.5m (130"~256") 3.9m~7.7m (154"~303") 4.1m~8.1m (161"~319")	1.5~3.0 1.5~2.9 1.5~3.0 1.9~3.8 1.9~3.8	
	<b>LL-704</b> Long throw lens Zoom: x1.7	<b>CP-X8170, CP-X8160</b> <b>CP-WU8460, CP-WU8450, CP-WU8440</b> <b>CP-WX8265, CP-WX8255</b> <b>CP-X8150</b> <b>CP-WX8240</b>	5.9m~10.0m (232"~394") 6.1m~10.3m (240"~406") 6.2m~10.5m (244"~413") 7.3m~12.4m (287"~488") 7.8m~13.2m (307"~520")	2.8~4.9 2.8~4.9 2.8~4.9 3.6~6.1 3.6~6.1	
	<b>UL-705</b> Ultra long throw lens Zoom: x1.7	<b>CP-X8170, CP-X8160</b> <b>CP-WU8460, CP-WU8450, CP-WU8440</b> <b>CP-WX8265, CP-WX8255</b> <b>CP-X8150</b> <b>CP-WX8240</b>	10.0m~16.9m (393"~665") 10.3m~17.6m (406"~693") 10.5m~17.9m (413"~705") 12.4m~21.1m (488"~831") 13.1m~22.3m (516"~878")	4.9~8.3 4.9~8.3 4.9~8.3 6.0~10.3 6.0~10.3	

# HITACHI

Inspire the Next

# Touchboards

**205 Westwood Ave, Long Branch, NJ 07740**  
**Phone: 866-94 BOARDS (26273) / (732)-222-1511**  
**Fax: (732)-222-7088 | E-mail: [sales@touchboards.com](mailto:sales@touchboards.com)**

\*1: A free replacement lamp will be issued if the original lamp is less than 6 months old and it has only been used for less than the hours stated (in Eco Mode) on the lamp warranty from the date of first use. \*2: A free replacement lamp will be issued if the original lamp is less than 3 years old and it has only been used for less than the hours stated (in Eco Mode) on the lamp warranty from the date of first use. Where a lamp fails and a replacement lamp is taken under warranty, the duration of the warranty for the replacement lamp shall be the remainder of the original warranty period only. The stated lamp & filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual.

The majority of, but not all filters and lamps should achieve these figures. \*3: Recommended focus distance is 1.5m (Tele)-6m (Wide). \*4: Projectors sold individually. \*5: CP-X8150, CP-X8160, CP-X8170, CP-WX8240, CP-WX8255, CP-WX8265, CP-WU8440, CP-WU8450, CP-WU8460: Optional Lenses - ultra short throw (FL-701), short throw (SL-702), middle throw (ML-703), long throw (LL-704), ultra long throw (UL-705). \*6: CP-X9110, CP-WX9210, CP-WU9410: Optional Lenses: ultra short throw (USL-901), short throw (SL-902), standard (SD-903W), standard (SD-903X), middle throw (ML-904), long throw (LL-905), ultra long throw (UL-906). \*7: CP-X10000, CP-WX11000, CP-SX12000: Optional Lenses - ultra short throw (USL-801), short throw (SL-802), short throw (SL-803), standard (SD-800, SD-804), long throw (LL-805), ultra long throw (UL-806). \*8: CP-WU13K: Optional Lenses: ultra short throw (FL-K01), short throw (FL-K02), short throw (SL-K03), standard (ML-K04), long throw (LL-K05), ultra long throw (UL-K06).

In accordance with our policy of constant improvement, we reserve the right to alter specifications of products shown.