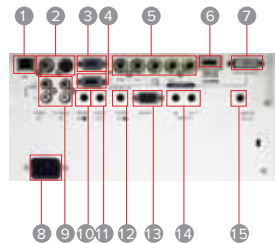


New PCL-LT8000 Series



Connection Terminals

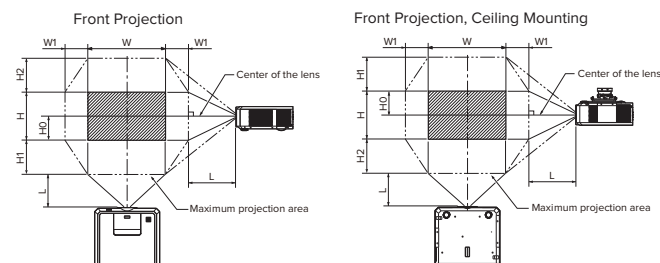
- 1 LAN (RJ-45)
- 2 Video / S-Video
- 3 PC/Component video in-1
- 4 Monitor out
- 5 PC/Component video in-2
- 6 HDMI
- 7 DVI-D in (HDCP)
- 8 Power in (3-pin with earth terminal)
- 9 Audio in [RCA (L/R)]
- 10 Audio in-1
- 11 Audio out
- 12 Audio in-2
- 13 Serial RS-232C (I/O)
- 14 Remote in/out
- 15 Audio DVI-D



* Photo is specifically for PCL-LT8000X / PCL-LT8000W

Screen Size and Projection Distance

Refer to the following table to determine the screen size and projection distance.



Replacement Lenses

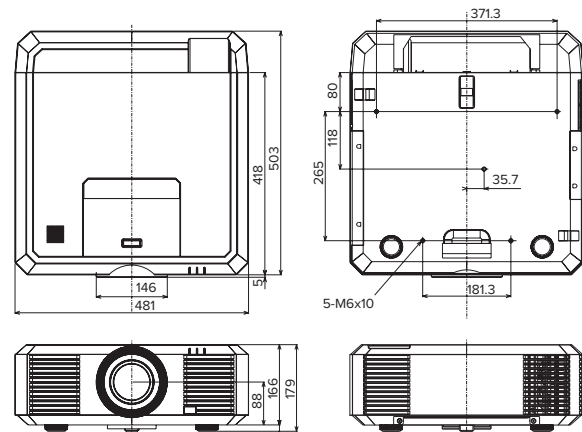


Specifications

Model	PCL-LT8000X	PCL-LT8000W	PCL-LT8000U
Display Technology	3 x 0.79" LCD	3 x 0.75" LCD	3 x 0.76" LCD
Resolution	XGA (1024 x 768)	WXGA (1280 x 800)	WUXGA (1920 x 1200)
Brightness	7100 ANSI lumens	6600 ANSI lumens	5600 ANSI lumens
Contrast Ratio	5000:1 (Iris On)		
Projection Lens	f = 24.0-43.2mm, F = 1.8-2.6		
Zoom / Focus	Powered Focus / Zoom (Zoom Ratio 1.8:1)		
Throw Ratio	100"@3.0m	100"@3.1m	100"@3.0m
Picture Size	40"- 300" (100" = 3.1m)		
Lamp Life	4,000 hours (Std) / 6,000 hours (Eco)		
Computer Compatibility	VGA, SVGA, XGA, SXGA, WXGA, UXGA, Mac		
Speaker	1 x 10W		
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i		
Input	PC: 5 BNC x 1, HDMI x 1, DVI-D (with HDCP) x 1, PC Audio: Stereo mini jack, 3.5mm x 3, Video: BNC x 1, Video Audio in: RCA (L/R) x 2, S-video x 1	PC: 5 BNC x 1, HDMI x 1, PC Audio: Stereo mini jack, 3.5mm x 3, Video: BNC x 1, Video Audio in: RCA (L/R) x 2, USB-A x 1, Micro USB x 1, HDMI in MHL x 1, DVI-D (with HDCP) x 1	
Output	RGB: mini D-sub 15-pin x 1 / Audio: Stereo mini jack (3.5mm x 1) / LAN		
Control	LAN (RJ-45): x 1 (projector control and display, * applied on PCL-LT8000U only), RS232 (in): D-sub 9-pin (male) x 1 (direct command is available), Wired remote (in): x 1 (3.5mm stereo mini jack), Wired remote (out): x 1 (3.5mm stereo mini jack)		
Dimensions (W x H x D)	48.0 x 18.0 x 42.0 cm (18.8" x 7.0" x 16.5")		
Weight	9.9kg (21.8lbs)		
Power Supply	AC 100 - 240V, 50/60 Hz		
Other Features	1. 360° Lens Shift 2. Auto Ceiling/Keystone 3. Top Lamp Cover Replacement 4. Anti-Theft Bar & Lock 5. Side Filter Access	6. Compatible with MHL* 7. Closed Caption 8. Corner Correction 9. Docs Viewer Via USB-A* 10. USB/LAN Display*	
Accessories	Standard lens, Power Cable, VGA Cable, Remote Control, Wireless Module (Optional)		

* Features are specifically for PCL-LT8000U. *Specifications are subject to change without prior notice.
* Lamp life specification is an estimate based on verification under proper conditions and is not the duration of the warranty.
Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours. Service life may vary widely depending on usage and operating environment and conditions, as well as users' adherence to the maintenance and cleaning procedures provided in the user manual.
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Dimensions (mm)



* The lens focal point is the default set at the time of shipment from the factory.

■PCL-LT8000X																							
Screen (XGA 4:3)				Distance from Screen				Default Height Projected Image (HO)				Movable V Position from Default Position				Movable H Position from Default Position							
Diagonal Size	Width		Height	Shortest (Wide)		Longest (Tall)		Shortest (Wide)	Longest (Tall)	HO	Down		Up		Left		Right						
	inch	cm		inch	cm	inch	cm				inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	
40	102	32	81	24	61	46	12	85	21	-12	-30	14	-0	-14	37	-0	-37	10	-0	-10	24	-0	-24
60	152	48	122	36	91	70	18	128	32	-18	-46	22	-0	-22	55	-0	-55	14	-0	-14	37	-0	-37
80	203	64	163	48	122	94	24	171	43	-24	-61	29	-0	-29	73	-0	-73	19	-0	-19	49	-0	-49
100	254	80	203	60	152	116	30	214	54	-30	-76	36	-0	-36	91	-0	-91	24	-0	-24	61	-0	-61
150	381	120	305	90	229	177	45	322	82	-45	-114	54	-0	-54	137	-0	-137	36	-0	-36	91	-0	-91
200	508	160	406	120	305	237	60	430	109	-60	-152	72	-0	-72	183	-0	-183	48	-0	-48	122	-0	-122
250	635	200	508	150	381	297	75	538	137	-75	-191	90	-0	-90	229	-0	-229	60	-0	-60	152	-0	-152
300	762	240	609	180	457	357	91	646	164	-90	-229	108	-0	-108	274	-0	-274	72	-0	-72	183	-0	-183

■PCL-LT8000W																							
Image (WXGA 16:10)				Distance from Screen				Default Height Projected Image (HO)				Movable V Position from Default Position				Movable H Position from Default Position							
Diagonal Size	Width		Height	Shortest (Wide)		Longest (Tall)		Shortest (Wide)	Longest (Tall)	HO	Down		Up		Left		Right						
	inch	cm		inch	cm	inch	cm				inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	
40	102	34	86	21	54	48	12	89	23	-11	-27	15	-0	-15	38	-0	-38	10	-0	-10	26	-0	-26
60	152	51	129	32	81	73	19	134	34	-16	-40	22	-0	-22	57	-0	-57	15	-0	-15	39	-0	-39
80	203	68	172	42	108	99	25	180	46	-21	-54	30	-0	-30	75	-0	-75	20	-0	-20	52	-0	-52
100	254	85	215	53	135	124	31	225	57	-26	-67	37	-0	-37	94	-0	-94	25	-0	-25	65	-0	-65
150	381	127	323	79	202	187	47	338	86	-40	-101	56	-0	-56	141	-0	-141	38	-0	-38	97	-0	-97
200	508	170	431	106	269	249	63	452	115	-53	-135	74	-0	-74	188	-0	-188	51	-0	-51	129	-0	-129
250	635	212	538	132	337	312	79	565	144	-66	-169	93	-0	-93	236	-0	-236	64	-0	-64	162	-0	-162
300	762	254	646	159	404	375	95	679	172	-79	-202	111	-0	-111	283	-0	-283	76	-0	-76	194	-0	-194

■PCL-LT8000U																							
Image (WUXGA 16:10)				Distance from Screen				Default Height Projected Image (HO)				Movable V Position from Default Position				Movable H Position from Default Position							
Diagonal Size	Width		Height	Shortest (Wide)		Longest (Tall)		Shortest (Wide)	Longest (Tall)	HO	Down		Up		Left		Right						
	inch	cm		inch	cm	inch	cm				inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	inch	cm	
40	102	34	86	21	54	48	12	89	23	-11	-27	13	-0	-13	32	-0	-32	10	-0	-10	26	-0	-26
60	152	51	129	32	81	73	18	133	34	-16	-40	19	-0	-19	48	-0	-48	15	-0	-15	39	-0	-39
80	203	68	172	42	108	99	25	181	46	-21	-54	25	-0	-25	65	-0	-65	20	-0	-20	52	-0	-52
100	254	85	215	53	135	122	31	222	56	-26	-67	32	-0	-32	81	-0	-81	25	-0	-25	65	-0	-65
150	381	127	323	79	202	184	47	334	85	-40	-101	48	-0	-48	121	-0	-121	38	-0	-38	97	-0	-97
200	508	170	431	106	269	246	63	446	113	-53	-135	64	-0	-64	162	-0	-162	51	-0	-51	129	-0	-129
250	635	212	538	132	337	308	78	559	142	-66	-168	79	-0	-79	202	-0	-202	64	-0	-64	162	-0	-162
300	762	254	646	159	404	371	94	671	170	-79	-202	95	-0	-95	242	-0	-242	76	-0	-76	194	-0	-194

* The above figures are approximate and may vary from actual measurements.

MULTIMEDIA DATA/ VIDEO PROJECTOR



Striking Images, Simple To Use
From Installation To Operation
Amazingly High Quality In Every Aspect



PCL-LT8000X
PCL-LT8000W
PCL-LT8000U

Make an impact with powerful impressions and effective solutions.

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Advanced, Multifunctional Projector – Ideal for large meeting rooms and theater-like settings

The INFOTO 3LCD PCL-LT8000 serie projectors offers high levels of brightness and contrast, improved installation ease and eco-conscious features in consideration of the environment. Capable of ensuring clear, sharp large-screen presentations in large meeting rooms and theater-like settings, these user-friendly projectors are ideal for impactful, visual communications.



New

PCL-LT8000X
PCL-LT8000W
PCL-LT8000U

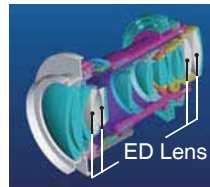
High Image Quality

Impressive 7100lm Brightness and 5000:1 High Contrast

The PCL8000 series reproduce vivid beautiful images using 7,100lms brightness at a high contrast ratio of 5000:1. Even in large meeting rooms and theater-like settings, its liquid-crystal projection system ensures clear, sharp presentation images every time.

High-performance Lens

This lens is comprised of 17 lenses in 13 clusters, including a high-performance ED (ultra-low dispersion) lens that is more efficient than regular glass lenses. Image resolution all the way to peripheral borders is greatly improved.

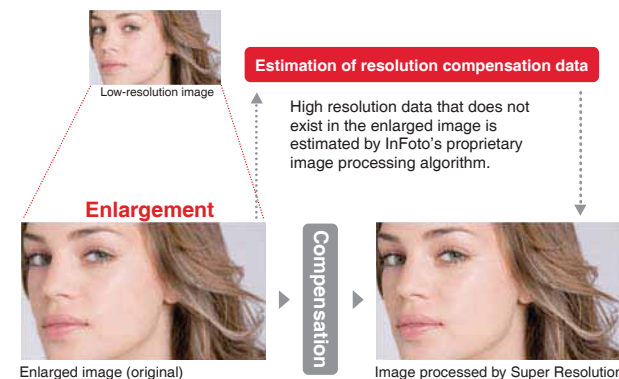


Natural Color Matrix (NCM)

In addition to conventional red (R), green (G) and blue (B) color gradations, the intermediate colors of yellow (Y), magenta (M) and cyan (C) can each be controlled independently. Accentuating specified colors according to need results in the reproduction of vivid color tones one step closer to natural.

Super Resolution

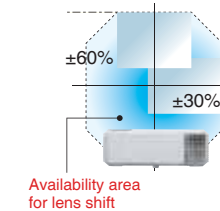
This innovative advanced image processing algorithm is a product of InFoto display. The technology analyzes blurred components of the original images, estimates the high-resolution data not provided in the original signal and corrects the image. The result is the clear projection of images such as people's faces in fine detail.



Installation Flexibility

Wide-area Lens Shift

The PCL8000 series features a wide-area lens adjustment range of $\pm 60\%$ vertically and $\pm 30\%$ horizontally, for greater installation freedom. The zoom, focus and lens shift functions are all powered operation.



Variety of Optional Lenses

Choose from four different lenses to best match the projection distance. Compared to previous lenses, each lens covers a wider range of projection ratios.

Bayonet Mount

The bayonet mounting system incorporated offers one-touch lens removal, making it easy to change lenses after installation. Simply unscrew and remove the anti-drop cover, press down on the release button and turn the lens to remove it. Similarly, to install a lens, just insert it and turn.



Attractive Design

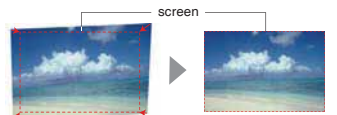
In consideration of ceiling-mounted installation and appearance in terms of room décor, a modern center-lens, white-based design is adopted and a terminal cover that hides cables has been added. The remote-control signal receiving section is now located on the backside of the projector, improving remote-control operation performance when mounted on the ceiling.



Geometric Corrections

• **Keystone Correction**
Trapezoidal distortion caused when the projector is not positioned directly in front of the screen is corrected in both vertical and horizontal directions.

• **Cornerstone Correction**
Pixel conversion is used to correct trapezoidal and diagonal distortion that causes oblique images, ensuring the proper aspect ratio.



• **Curved-surface Projection Correction**
Projectors in the series are equipped with a distortion correction function that can be used when projecting images onto curved surfaces. Coordinates at the image's four corners are adjusted, enabling the projection angle to be adjusted at the time of angled or stacked projection. It is extremely handy for unique applications like projecting images onto special surfaces such as pillars at event sites.



360° Projection Capability

Images can be projected over a full 360° range along the vertical axis* including reproduction on the ceiling or floor. The application possibilities are limitless.



*Excluding use in high-altitude mode.

- ID-compatible Remote Control (set IDs for up to 63 projectors)
- Extended-distance Remote Control (wireless: 30m, wired: 100m)
- Lamp side replacement

High Reliability

Inorganic Liquid-crystal Panel

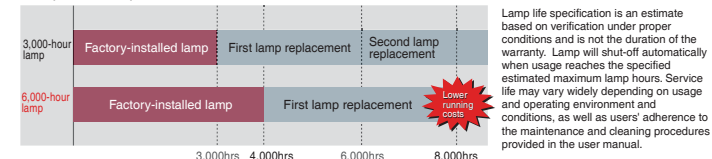
An inorganic liquid-crystal panel is incorporated, increasing the service life compared to that of conventional organic liquid-crystal panels.

4000hr Long-life Lamp*

By optimizing temperature control design, the light-source lamp can be used for up to 4,000 hours. These improvements result in a remarkable reduction in operating cost.

*6000hr in ECO mode.

Lamp Life Comparison



Lamp life specification is an estimate based on verification under proper conditions and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours. Service life may vary widely depending on usage and operating environment and conditions, as well as users' adherence to the maintenance and cleaning procedures provided in the user manual.

Roll-up Filter

To help prevent dust from collecting on the liquid-crystal panel, a cartridge-type filter is added as standard equipment. It can be set so that the filter rolls automatically every 500, 750 or 1,000 hours, or winding can be done manually.



Eco Friendly

4000hr Long-life Lamp*

A light-source lamp capable of operating up to 4,000 hours reduces both operating cost and labor required for replacing lamps.

*6000hr when used in ECO mode.

Stand-by Wattage under 0.5 Watt

Stand-by (low) mode power consumption is less than 0.5W, offering increased energy savings and further contributing to environmental preservation.

Auto Power Off

If no image signal is output for a predetermined period of time*, power is automatically turned off, realizing energy savings by reducing needless power consumption.

*Time preset by user

Paint-free Cabinet

As a measure to help protect the environment, eco-conscious paint-free cabinets are incorporated for PCL8000 series projectors.

Additional Features

Network Connectivity

Projectors are equipped with a RJ-45 LAN terminal for remote operation. Additionally, when used with Crestron RoomView™, integrated control of up to 250 projectors including power on/off control, message display and confirmation of lamp service hours is possible. INFOTO PCL-LT8000 series are equipped with AMX Device Discovery for simplified device management and compatible with PJLink™.



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Quiet 30dB Operation

Fan noise during projector operation can be distracting during a presentation or videoconference. The PCL 8000 series projectors operate at a significantly low noise level of only 30dB (i.e., in "low lamp" mode). As a result, presentations and conferences can be held without distracting projector noise in the background.

- 2-Screen mode
- Test pattern
- Direct power off
- Closed caption support
- High-altitude mode (1,500 to 2,700m)
- Virtual DICOM mode
- OSD menu multilanguage compatibility

*OSD Languages: English, German, French, Italian, Spanish, Dutch, Portugese, Simplified Chinese, Japanese, Korean, Russian, Arabic, Turkish, Finnish, Vietnamese, Thai, Afrikaans, Indonesian, Persian