

LCD Projector
CP-X10000
Lenses are all optional



Dynamic Shape Packed with Rich Functionality

A wide range of functions are packed into this stylish body, offering unmatched large-venue performance. The CP-X10000 offers simple installation, easy maintenance, beautiful picture quality and Hitachi's industry-best reliability. The CP-X10000 provides large screen images for venues such as auditoriums and convention halls, bringing Hitachi performance to a wide spectrum of possible new uses.



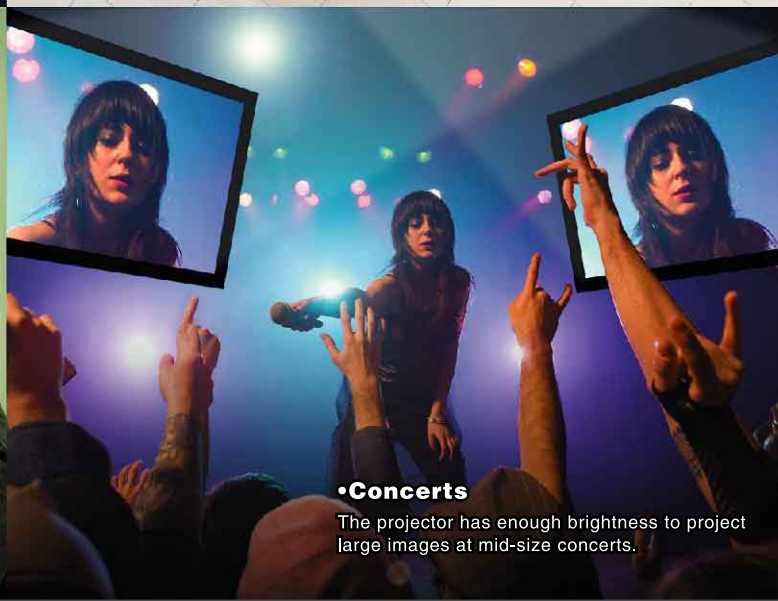
• **Simulator**
Projecting large images with high brightness produces more realistic simulations.



• **Vertical projection**
Create signage by projecting images onto a floor any place you have a large gathering of people.



• **Video conferencing**
Use life-sized projections of people for video conferences.



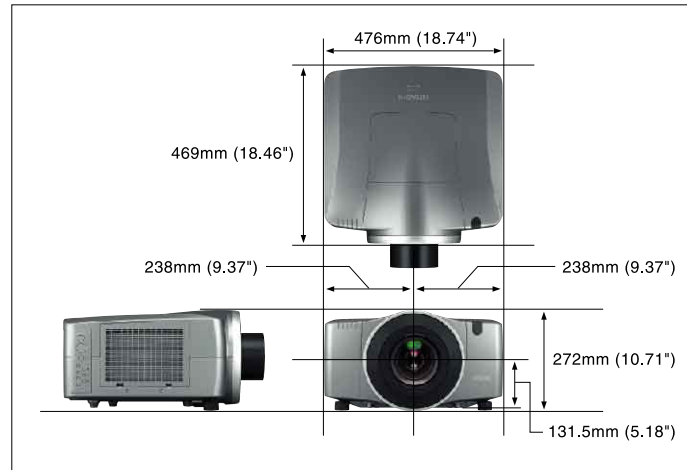
• **Concerts**
The projector has enough brightness to project large images at mid-size concerts.

SPECIFICATIONS

Model name	CP-X10000
Liquid crystal panel structure	1.3" polysilicon active-matrix TFT x 3
Number of pixels	786,432 pixels (V768 x H1,024)
Resolution	1,024 x 768 color pixels
Lamp	350W UHB
Brightness (light output)	7,500 lumens (with Standard Lens SD-804)
Contrast ratio	2,500:1 (iris on with Standard Lens SD-804)
Keystone correction	Auto vertical and manual vertical/horizontal keystone
Power supply	AC100-120V/AC220-240V
Operating temperature	5-35°C (41-95°F)
Input signals	RGB input Video input
Input/output terminals	Video input RGB input HDMI input Monitor output Wired remote control input Wired remote control output Control port Wired network (LAN)
Agency certifications	UL60950-1/CUL, FCC Part 15, Class A, AS/NZS CISPR22 Class A, CE(EN60950-1, EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3)
Dimensions (WxHxD)	476 x 272 x 469mm (18.74" x 10.71" x 18.46") [excl. protruding part]
Weight	13.1kg (28.9 lbs.) (without lens)
Standard accessories	Computer cable, Power cord, Remote control, Batteries, Security label, User's manual

* Specifications are measured in the normal mode.

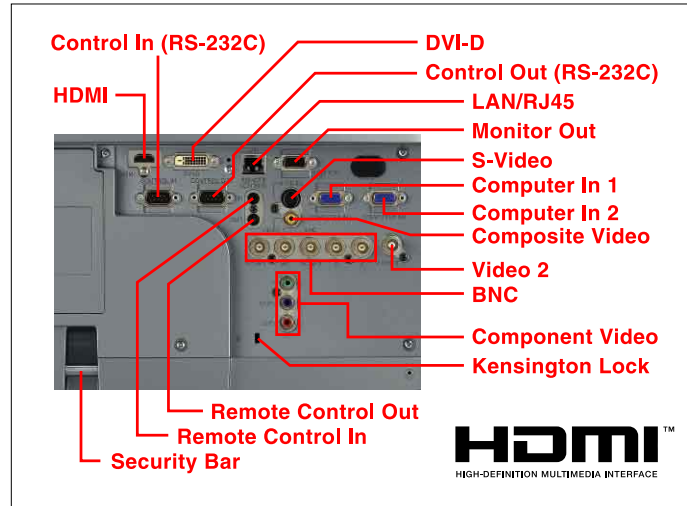
DIMENSIONS



OPTIONAL ACCESSORIES

Cable cover CC10000	Lens adapter KU00041
Filter MU06351	Ceiling mount bracket HAS-10000
Lamp DT01001	For low ceiling mount HAS-204L
	For high ceiling mount HAS-304H

TERMINALS



PROJECTION DISTANCE OF LENS OPTIONS

Ultra Short Lens: USL-801	Standard Lens: SD-804
Screen Size (inch) [4:3 Screen]	Screen Size (inch) [4:3 Screen]
40	40
60	60
80	80
100	100
150	150
200	200
300	300
350	350
400	400
500	500
600	600
700	700
Short 1 Lens: SL-802	Long Lens: LL-805
Screen Size (inch) [4:3 Screen]	Screen Size (inch) [4:3 Screen]
40	40
60	60
80	80
100	100
150	150
200	200
300	300
350	350
400	400
500	500
600	600
700	700
Short 2 Lens: SL-803	Ultra Long Lens: UL-806
Screen Size (inch) [4:3 Screen]	Screen Size (inch) [4:3 Screen]
40	40
60	60
80	80
100	100
150	150
200	200
300	300
350	350
400	400
500	500
600	600
700	700

* Brightness varies depending on the lens. Tolerance ±10%.

• Design and specifications are subject to change without notice.

- The screen and monitor images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot or tobacco smoke. This may result in fire or malfunction.
- Optical components (lamp, LCD panel, polarizer plate, PBS (polarizing beam splitter), contrast-up film) have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- These projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp's power on and off frequently shortens its service life.
- Optical components other than the lamp: If the projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn projector on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.



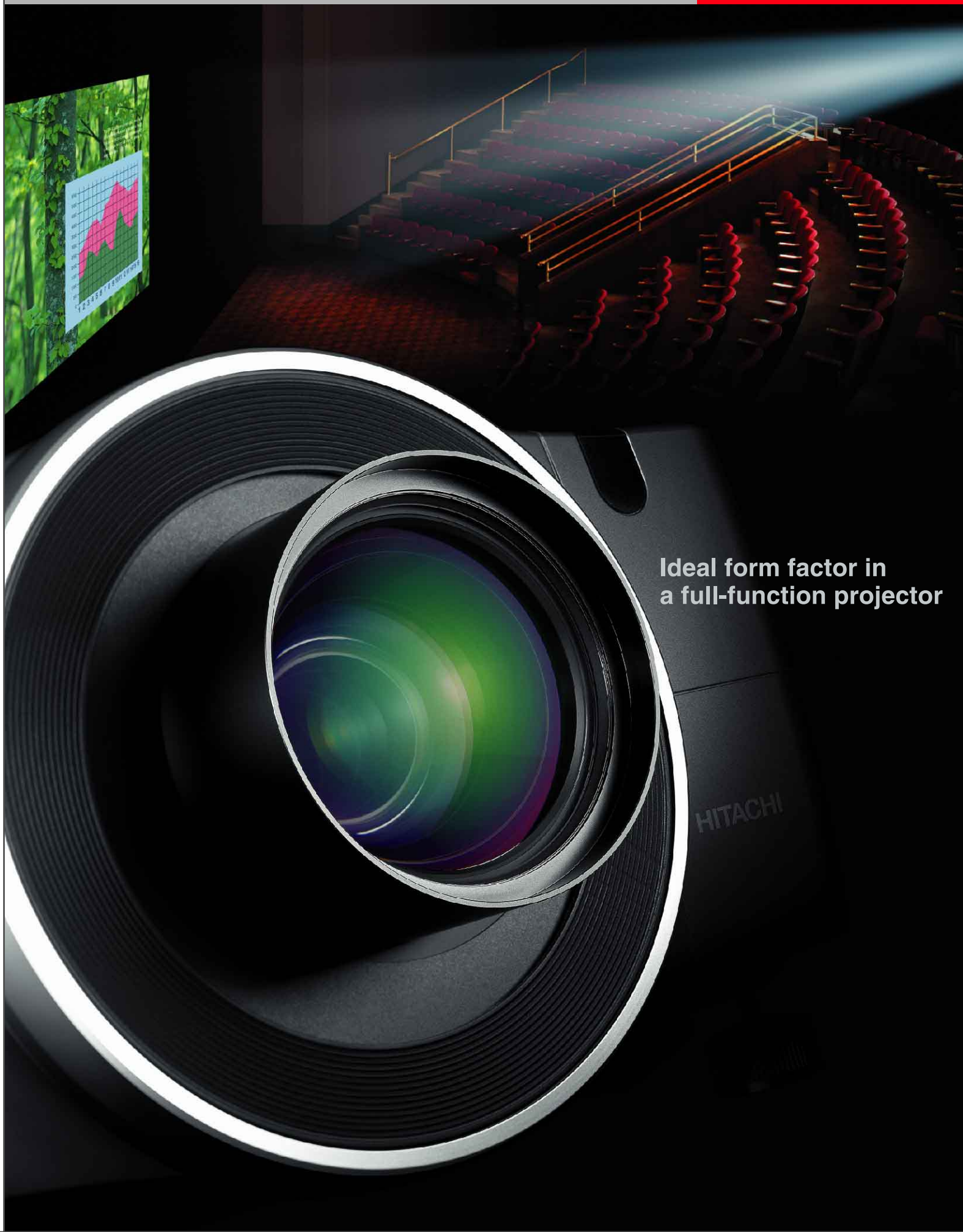
HITACHI

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Inspire the Next



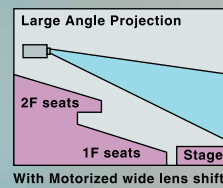
Ideal form factor in
a full-function projector



Flexible Installation

■ Wider Lens Shift

With Hitachi's lens shift technology, the image's range of movement grows even wider. The projector can cover a total range of 2.7 screen areas vertically and 2.2 screen areas horizontally (it can shift up or down by 85% of the screen's height, and left or right by 60% of the screen's width.) This wider projection area means that you can place the projector on the second floor and be sure that audience shadows from the first floor will not block the screen. In auditoriums and convention halls with stationary screens, the projector can now be placed freely among any number of possible locations.



■ Lens Memory

Lens Memory is a function capable of storing up to three lens shift settings. When you take another picture at a place where you previously stored a lens shift setting in memory, you can use the optimum lens shift setting, without having to adjust the lens shift position. You can easily call up a stored lens shift setting by selecting it from LOAD1-3 on the OSD menu screen.

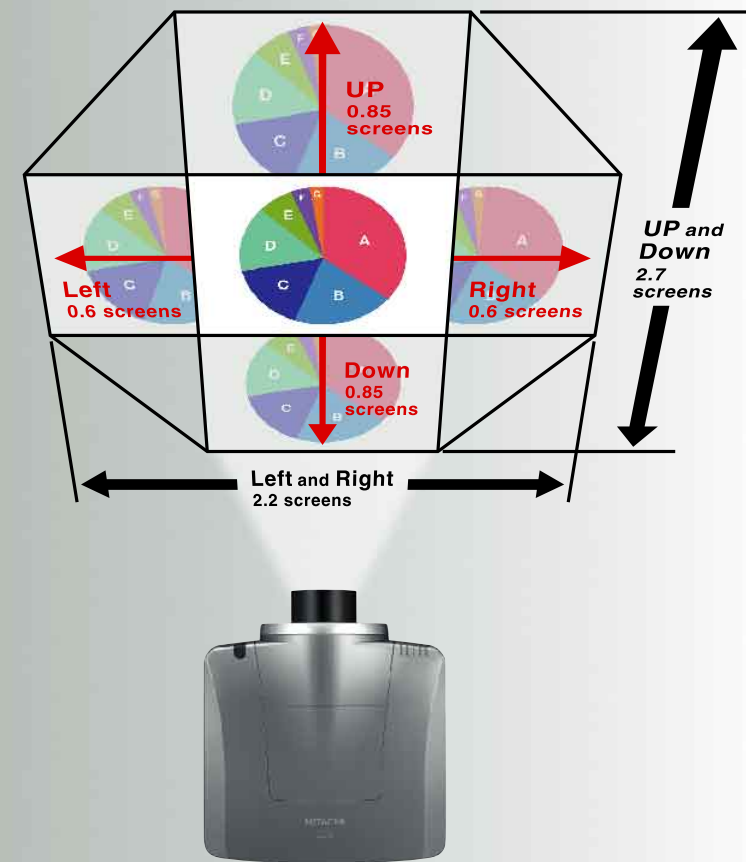
■ High Brightness

The CP-X10000 projects at a brightness of 7,500 lumens*, providing outstanding performance in a variety of settings regardless of size or brightness.

* With Standard Lens SD-804

■ Vertical Projection

The CP-X10000 can project images 90° up and down, opening up a whole new range of possible applications.



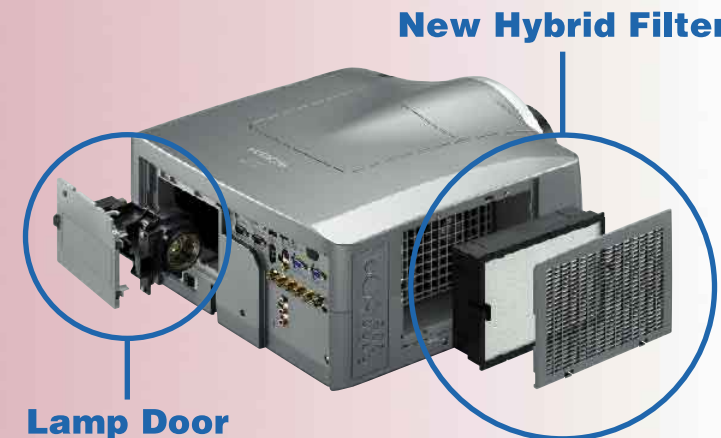
■ New High Performance Filter

The finely crafted form of the CP-X10000 incorporates a four-layer filter, providing maximum defense against dust with four unwoven cloth layers and two kinds of three HAF. This highly efficient filter lasts about 50 times longer than conventional filters.* Thanks to this long life and easy maintenance, the projector is ideal for use in retail, digital signage and other environments where the projector is in constant use.

* Depends on usage environment. Based on Hitachi test results.

■ Easy Replacement

With a side-mounted filter and the lamp on the back of the projector, maintenance is even easier, as the filter and lamp can both be replaced from the projector's fixed position. Removing them is also very simple, saving maintenance time.



■ Heightened Picture Quality



8-Bit Processing 10-Bit Processing

Digital processing of the video signal is 10-bit from input to output, allowing smooth and natural gradations with 1024 shades of each RGB color. In total, the CP-X10000 can create 1.074 billion colors. Additionally, with its on-board high performance chip and high contrast of 2500:1* using the Iris, picture quality is boosted even further. * With Standard Lens SD-804

■ Inorganic LCD Panels



The CP-X10000 uses three inorganic LCD panels, which feature a higher resistance to light. This translates into longer operating life and permits the installation of a stronger light source, achieving even greater brightness. The use of double speed drive further improves picture quality, and this unique technology achieves higher contrast with LCD panels. In addition, the inorganic LCD panels offer high reliability.

■ Versatile Security

The projector is equipped with a security bar that allows the easy attachment of a security chain. By using the PIN Lock the CP-X10000 can limit the number of users. The MyScreen function can be used to identify the owner.

It also is protected by a PIN Lock. A Transition Detector can prevent unauthorized use of the projector.



PIN Lock



MyScreen Lock

■ Remote Control with ID Change Function

The CP-X10000 remote control has four ID buttons. When operating multiple projectors at one time, each projector ID can be changed to prevent confusion. Adjustments to the focus, zoom and lens shift can all be made via the remote control. The remote control also has a built in laser pointer.



New OSD

■ New OSD Menu Design

The CP-X10000 uses a new OSD menu with an intuitive interface and sophisticated design. Various functions are easily differentiated by icons, and a horizontal slide bar makes for easy operation.



New OSD

■ Mechanical Shutter

The shutter mechanically blocks off light, acting as a valuable tool for any presentation.

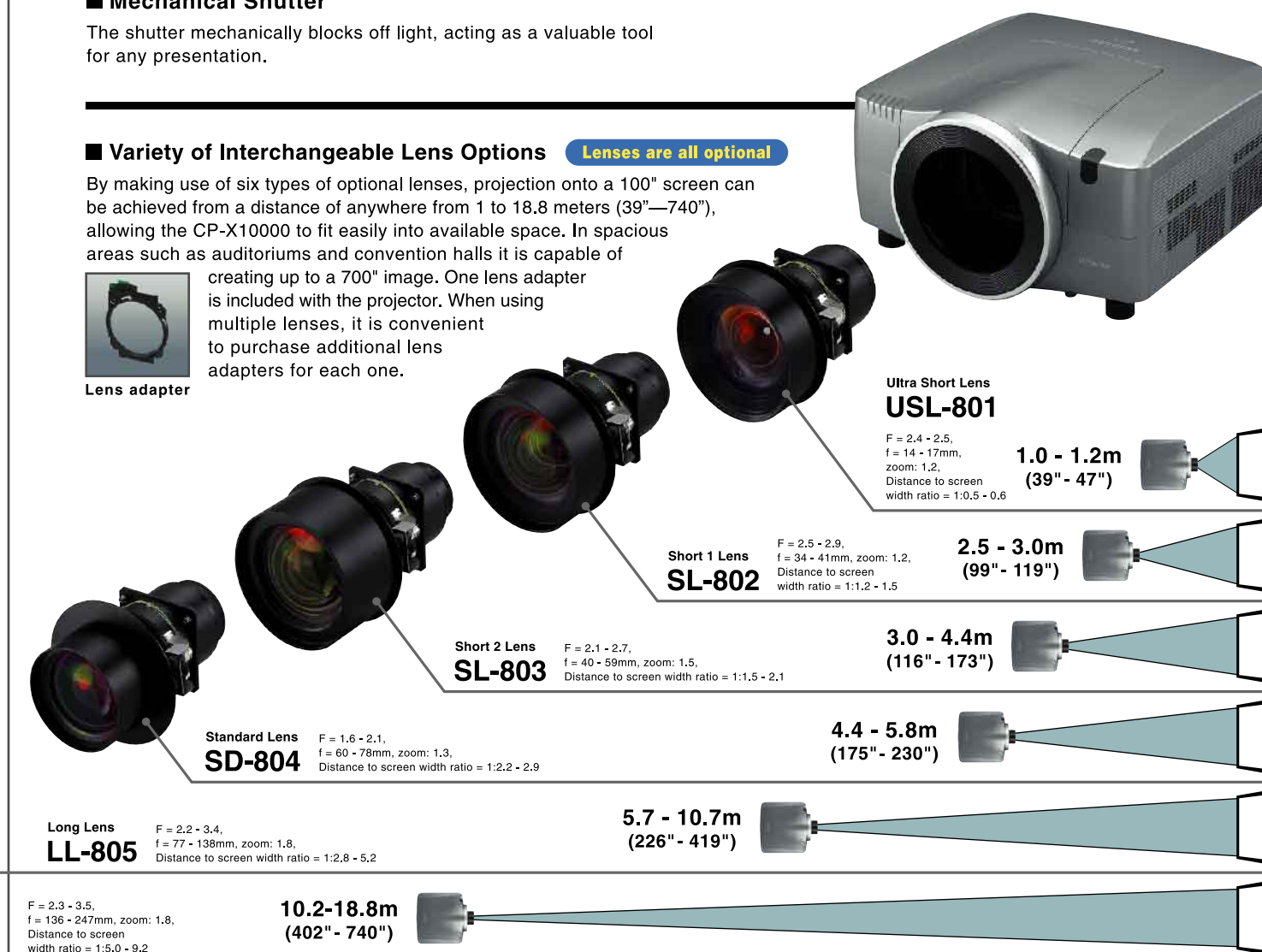
■ Variety of Interchangeable Lens Options Lenses are all optional

By making use of six types of optional lenses, projection onto a 100" screen can be achieved from a distance of anywhere from 1 to 18.8 meters (39"–740"), allowing the CP-X10000 to fit easily into available space. In spacious areas such as auditoriums and convention halls it is capable of

creating up to a 700" image. One lens adapter is included with the projector. When using multiple lenses, it is convenient to purchase additional lens adapters for each one.



Lens adapter



Projection distances for optional lenses when projecting onto a 100" screen.



Superior Maintainability



High Picture Quality and High Reliability