

SPECIFICATIONS

Model name		CP-X253
Liquid crystal panel structure		0.63" polysilicon active-matrix TFT x 3
Number of pixels		786,432 pixels (V768 x H1,024)
Resolution		1,024 x 768 color pixels
Lens		Optical zoom (F=1.8-1.9) 1:1.2
Lamp		160W UHB
Brightness		2,000 ANSI Lumens
Contrast ratio		500:1
Speakers		1W x 1
Keystone correction		Auto Vertical keystone
Power supply		AC100-120V/AC220-240V
Operating temperature		5-35°C (41-95°F)
Input signals	Computer input	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL HDTV: 750p (720p), 1125i (1080i) SDTV: 525i (480i), 525p (480p), 625i (575i)
Input/output terminals	Video input	S-Video: Jack x 1, Composite video: RCA jack x 1 Component video: via D-sub
	Audio input	Stereo Mini jack x 2
	Computer input	Analog RGB: 15-pin Mini-Dsub x 2
	Audio output	Stereo Mini jack x 1
	Monitor output	Analog RGB: 15-pin Mini -Dsub x 1
	Control and mouse	9-pin Dsub x 1 for RS232C, USB type B x 1 for mouse control
Agency certifications		UL/cUL, FCC Part15 class B, CE, EN61000-3-2, EN61000-3-3, EN55022, EN55024, EN60950-1
Dimensions (WxHxD)		274 x 59 x 205mm (10.79" x 2.32" x 8.07") [excl. protruding part]
Weight		1.8kg (4.0 lbs.)
Standard accessories		RGB cable, Remote Control, Batteries, Lens cap, Strap, Soft case, Filter cover (for ceiling mounting), Power cord, 14-language user's manuals, Video cable, Stereo mini-RCA audio adaptor, Security label

PROJECTION DISTANCE

a: LCD projector-to-screen distance
b: Screen height from lens center to top
c: Screen height from lens center to bottom

Screen Size (inch)	a Min	a Max	b (top)	c (bottom)
30	0.8m (30")	0.9m (36")	39cm (15")	7cm (3")
40	1.0m (40")	1.2m (48")	52cm (21")	9cm (3")
50	1.3m (50")	1.5m (61")	65cm (26")	11cm (4")
60	1.5m (61")	1.9m (73")	78cm (31")	13cm (5")
70	1.8m (71")	2.2m (85")	91cm (36")	15cm (6")
80	2.1m (81")	2.5m (97")	105cm (41")	17cm (7")
90	2.3m (91")	2.8m (110")	118cm (46")	20cm (8")
100	2.6m (102")	3.1m (122")	131cm (51")	22cm (9")
120	3.1m (122")	3.7m (147")	157cm (62")	26cm (10")
150	3.9m (153")	4.7m (183")	196cm (77")	33cm (13")
200	5.2m (204")	6.2m (245")	261cm (103")	44cm (17")
250	6.5m (255")	7.8m (306")	327cm (129")	54cm (21")
300	7.8m (306")	9.3m (368")	392cm (154")	65cm (26")

43.2mm (1.7")
[0°-11° inclination adjustment]
Typical office desk height 70cm (27.56")

HITACHI

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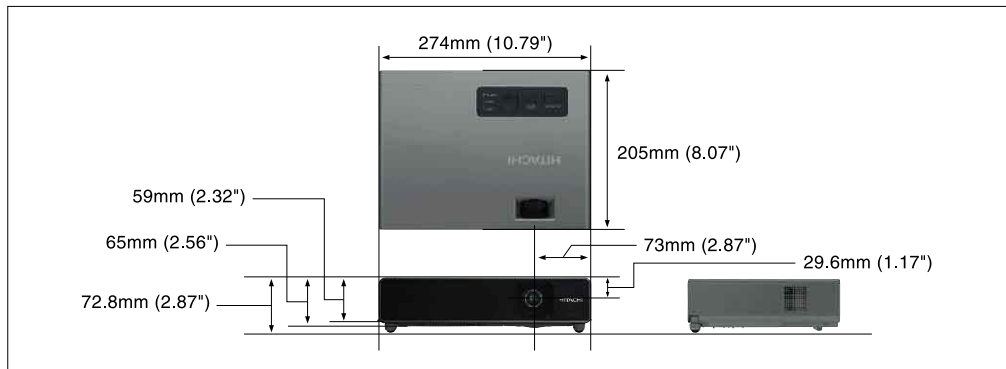
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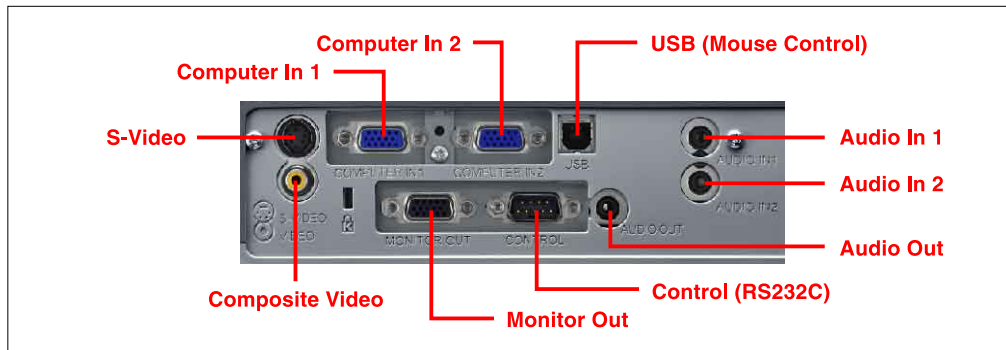
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DIMENSIONS



TERMINALS



- Design and specifications are subject to change without notice.
- The 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, polarizing plate, PBS [polarizer 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.



Hitachi, Ltd. Digital Media Division (Yokohama Plant) has received ISO 14001 certification.

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HITACHI LCD Projector CP-X253

HITACHI

Inspire the Next

The projector designed for education AND business.

LCD Projector

CP-X253

The CP-X253 offers four outstanding features!

- Project onto a large screen!
- Powerful images!



- Wide selection of input/output terminals!
- Diverse images!



- Very quiet!
- Better concentration during classes and meetings!



- Lightweight, compact and easy to carry!
- High brightness!



LCD Projector CP-X253



● Huge images, even in limited spaces.

Projects huge 60" images at a distance of 1.5m (4.9 ft.), making it ideal for classrooms or meeting rooms with limited space. Text, charts and videos are all easier to see. And it's perfect for cart-top use because it can be placed near the screen.



● Low noise does not disturb audience concentration.

The projector has a quiet design, with noise of only 29dB. You can use it in small classrooms or meeting rooms without being bothered by fan noise. Your audience will be able to hear you clearly and concentrate fully on the subject matter.



● Projects a variety of sources thanks to a wide range of terminals.

The CP-X253 is ready for all types of use with two Computer In, two Audio In and a variety of video terminals. It also has Monitor out, so you can see the projected images on your own computer, letting you face the audience without having to watch the screen.



● Light weight and compact size, plus high brightness.

1.8kg (4.0 lbs.) light weight and 274 x 205mm (10.79" x 8.07") compact size make it easy to carry. And because it provides 2,000 ANSI Lumens, lectures or presentations can be given even in a bright room so the audience can take notes.



● Diverse security functions.

Security functions include PIN lock, My Screen PIN Lock, status observation and Kensington lock. The anti-theft measures are particularly welcome when the projector is suspended from the ceiling.



■ You can project on a blackboard or whiteboard.

In rooms with no screen, the CP-X253 can project on a blackboard or whiteboard. The blackboard mode is compatible with both blank and green blackboards. In whiteboard mode, the white signal is only half as bright, ensuring optimum visibility.



■ Begin projection right away with 4-Second Quick Start.

The CP-X253 features a quick start of only four seconds* from turning on the power to projection. You can quickly start without keeping your audience waiting.

* Time until start of projection. Depending on power restart time and setting, start time may be longer.

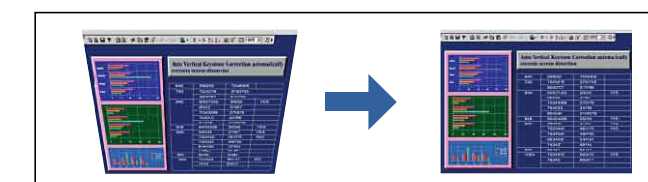
■ Easy to put away, since no cooldown is required.

The Direct Power On/Off function* eliminates the need for cooldown after using the projector. After tuning the power off, you can put the projector away immediately.

* The Direct Power On function must be selected from the menu.

■ Auto Vertical Keystone Correction eliminates screen distortion.

Keystone distortion occurs when the projector is inclined. This is automatically detected by a gravity sensor inside the projector and corrected for.



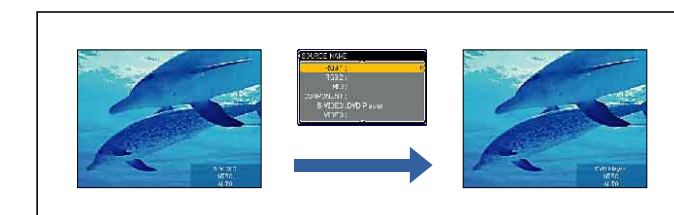
■ Resolution Preset and Custom Modes

When projecting from a widescreen computer, many projectors are unable to correctly display the aspect ratio. Resolution Preset and Custom modes achieve the correct display, providing vivid, easy to watch wide images.



■ Input Source Naming

The input source name can be changed to the name of a device you often use (notebook computer, DVD, etc.) or changed to a name that is easier for users to understand.



Other Features

- Motion Adaptive Progress Scan • 3:2 Pull Down
- Noise Reduction • Hitachi Equalizing Gamma Function
- My Button • My Screen • Security Label Included
- Serial # Label on Side • Lamp Door on Top