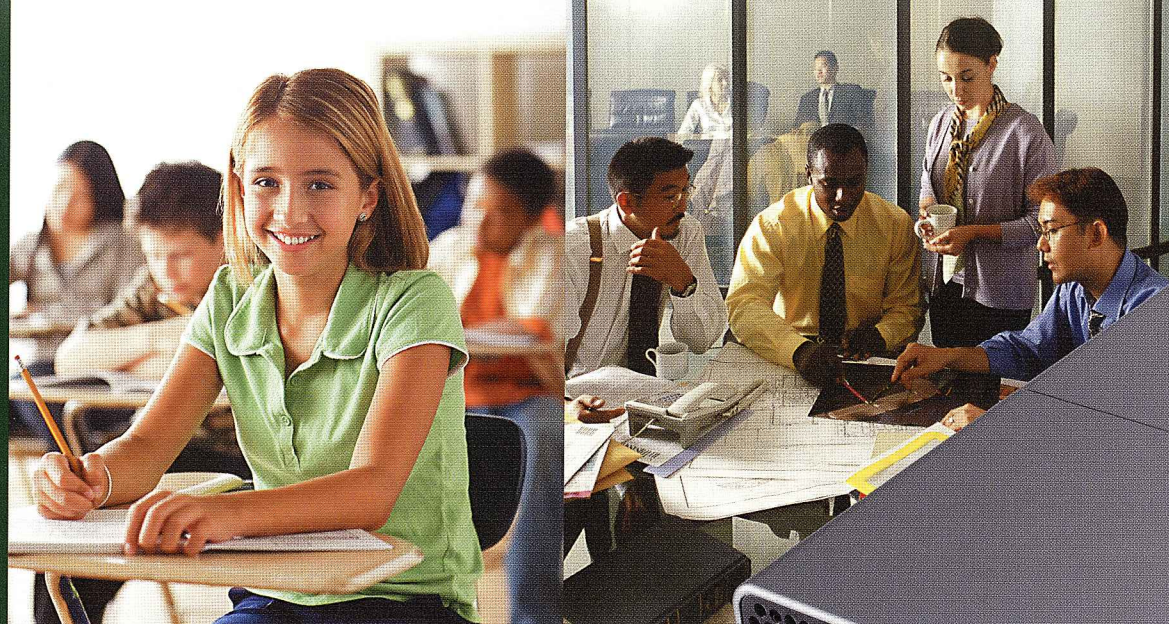# HITACHI
Inspire the Next

The projectors designed for education AND business.

LCD Projectors

CP-X253
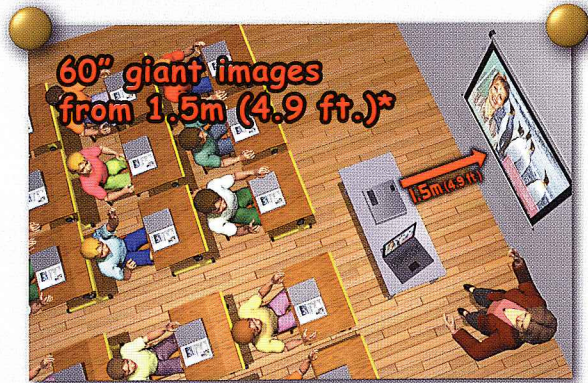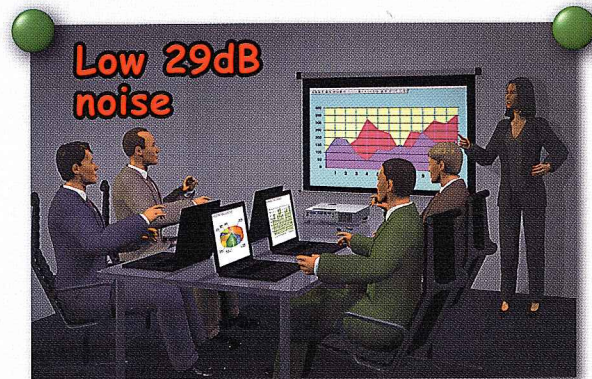# CP-X254
CP-X264

• The screen image is simulated.

Four outstanding features make these projectors ideal for both education and business.

- Project onto a large screen!
- Powerful images!

60" giant images from 1.5m (4.9 ft.)*

1.5m (4.9 ft.)

*CP-X253: 1.5m (4.9ft.), CP-X254/CP-X264: 1.8m (5.9ft.)

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

Two Computer In, Monitor Out, etc.

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

Low 29dB noise

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

1.8kg (4.0 lbs.), 2,500 ANSI Lumens*

*CP-X264: 2,500 ANSI Lumens, CP-X253/CP-X254: 2,000 ANSI Lumens

LCD Projectors
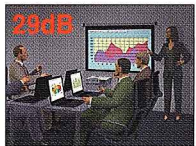# CP-X253
CP-X254
CP-X264

HITACHI

● 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.

*CP-X253: 1.5m (4.9ft.), CP-X254/CP-X264: 1.8m (5.9ft.)

● Low noise does not disturb audience concentration.

The projectors have a quiet design, with noise of only 29dB. You can use them 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 projectors are ready for all types of use with two Computer In, two Audio In and a variety of video terminals. They also have 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 2,500 ANSI Lumens*, lectures or presentations can be given even in a bright room so the audience can take notes.
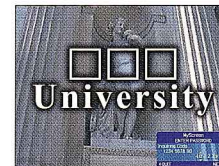
*CP-X264: 2,500 ANSI Lumens, CP-X253/CP-X254: 2,000 ANSI Lumens

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■ 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.
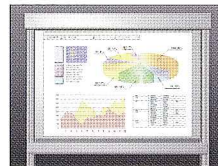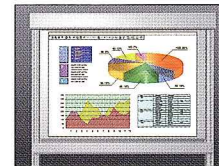
PIN Lock

My Screen PIN Lock

■ You can project on a blackboard or whiteboard.

In rooms with no screen, the projectors 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.

Normal mode

Whiteboard mode

■ Auto Vertical Keystone Correction eliminates screen distortion.

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

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

The projectors feature 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 projectors away immediately. * The Direct Power On function must be selected from the menu.

■ 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.
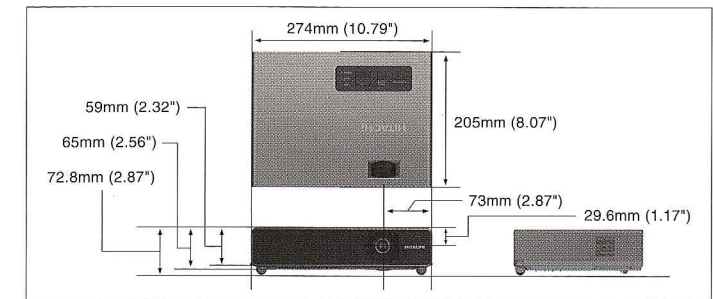
■ Other Features

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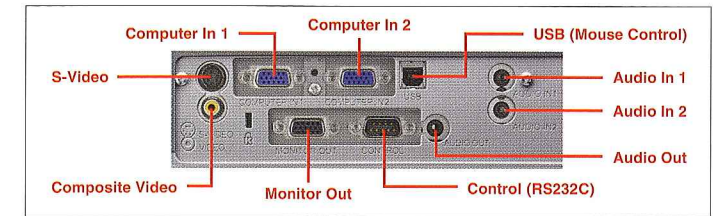• Security Label Included • Serial # Label on Side • Lamp Door on Top

SPECIFICATIONS

Model name	CP-X253/CP-X254	CP-X264
Liquid crystal panel structure	0.63" polysilicon active-matrix TFT x 3	0.63" polysilicon active-matrix TFT x 3
Number of pixels	786,432 pixels (V768 x H1,024)	786,432 pixels (V768 x H1,024)
Resolution	1,024 x 768 color pixels	1,024 x 768 color pixels
Lens	Optical zoom (F=1.8-1.9) 1:1.2	Optical zoom (F=1.8-1.9) 1:1.2
Lamp	160W UHB	160W UHB
Brightness	2,000 ANSI Lumens	2,500 ANSI Lumens
Contrast ratio	500:1	500:1
Speakers	1W x 1	1W x 1
Keystone correction	Auto Vertical keystone	Auto Vertical keystone
Power supply	AC100-120V/AC220-240V	AC100-120V/AC220-240V
Operating temperature	5-35°C (41-95°F)	5-35°C (41-95°F)

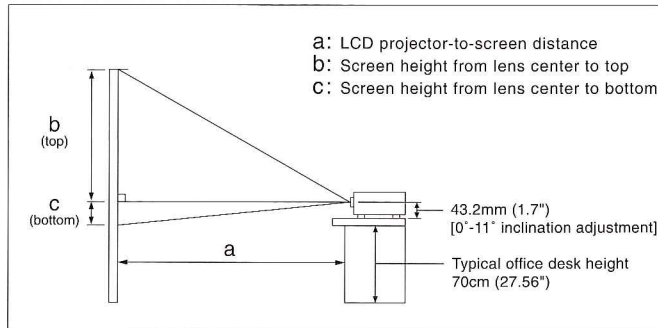| Input signals	Computer input	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC16"	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC16"
	Video input	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL	NTSC, NTSC4.43, PAL, SECAM, M-PAL, N-PAL
		HDTV: 750p (720p), 1125i (1080i) SDTV: 525i (480i), 525p (480p), 625i (575i)	HDTV: 750p (720p), 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	S-Video: Jack x 1, Composite video: RCA jack x 1, Component video: via D-sub
	Audio input	Stereo Mini jack x 2	Stereo Mini jack x 2
	Computer input	Analog RGB: 15-pin Mini-Dsub x 2	Analog RGB: 15-pin Mini-Dsub x 2
	Audio output	Stereo Mini jack x 1	Stereo Mini jack x 1
	Monitor output	Analog RGB: 15-pin Mini -Dsub x 1	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	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	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]	274 x 59 x 205mm (10.79" x 2.32" x 8.07") [excl. protruding part]
Weight		1.8kg (4.0 lbs.)	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	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

DIMENSIONS

274mm (10.79")
59mm (2.32")
65mm (2.56")
72.8mm (2.87")
205mm (8.07")
73mm (2.87")
29.6mm (1.17")

TERMINALS

Computer In 1
Computer In 2
USB (Mouse Control)
S-Video
Audio In 1
Audio In 2
Audio Out
Composite Video
Monitor Out
Control (RS232C)

PROJECTION DISTANCE

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

b (top)
c (bottom)
a

43.2mm (1.7")
[0°-11° inclination adjustment]

Typical office desk height 70cm (27.56")

CP-X253

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")

CP-X254/CP-X264

Screen Size (inch)	a Min	a Max	b (top)	c (bottom)
30	0.9m (35")	1.1m (42")	39cm (15")	7cm (3")
40	1.2m (47")	1.4m (57")	52cm (21")	9cm (3")
50	1.5m (59")	1.8m (71")	65cm (26")	11cm (4")
60	1.8m (71")	2.2m (85")	78cm (31")	13cm (5")
70	2.1m (83")	2.5m (100")	91cm (36")	15cm (6")
80	2.4m (95")	2.9m (114")	105cm (41")	17cm (7")
90	2.7m (107")	3.3m (128")	118cm (46")	20cm (8")
100	3.0m (119")	3.6m (143")	131cm (51")	22cm (9")
120	3.6m (143")	4.4m (171")	157cm (62")	26cm (10")
150	4.5m (179")	5.4m (215")	196cm (77")	33cm (13")
200	6.1m (238")	7.3m (286")	261cm (103")	44cm (17")
250	7.6m (298")	9.1m (358")	327cm (129")	54cm (21")
300	9.1m (358")	10.9m (430")	392cm (154")	65cm (26")

• Final specifications may vary slightly.

3LCD

dnx pixelworks™

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UKAS ENVIRONMENTAL MANAGEMENT
051

Hitachi, Ltd. Consumer Business Group has received ISO 14001 certification.

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