

- ▶ **CP-X2510E/CP-X2510EN**
2600 ANSI Lumens
- ▶ **CP-X3010E/CP-X3010EN**
3000 ANSI Lumens

INNOVATE
The Future of Projection

MULTI-PURPOSE LCD PROJECTORS

FOR BUSINESS AND EDUCATION



www.hitachidigitalmedia.com

HITACHI
Inspire the Next

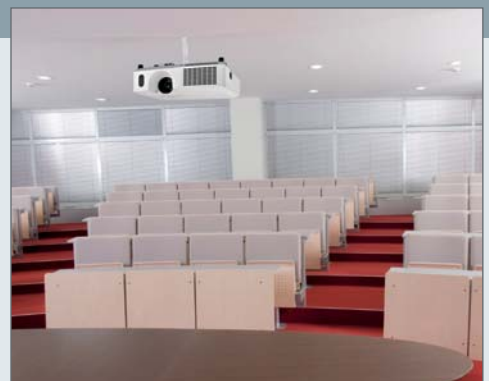
▶ Cutting-edge projection for all

At the heart of the Hitachi philosophy is innovation. Our new Multi-purpose projector range brings together 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.

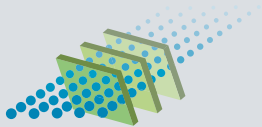


▶ Features at a glance

- XGA resolution
- Up to 3000 ANSI Lumens
- 2000:1 contrast ratio
- Virtually maintenance-free
- Anti-theft features
- Advanced network functions (CP-X2510EN and CP-X3010EN)



▶ Virtually maintenance-free



SUPER HYBRID FILTER

The brand new Hitachi Super Hybrid Filter is the best you'll find on the market. It lasts an exceptional 6000 hours - to make maintenance less frequent and reduce replacement costs.

Long lamp life

Now you can benefit from longer lamp life than ever before. Using the new Eco Mode, lamp life is extended to more than 6000 hours – equivalent to the projector being used for three hours a day over a period of ten years.



Easy Super Hybrid Filter replacement



Easy lamp access

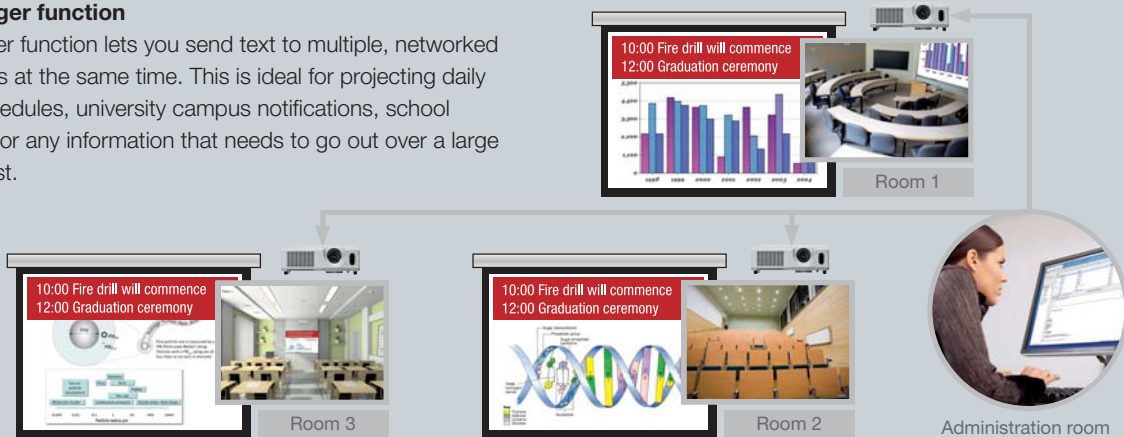
Easy replacement

Maintenance is not only reduced – we've also done our best to make it even easier. The filter cover slides out easily from the front, and the lamp door is now located on the top of the projector, making both quicker to access.

▶ Advanced network functions

Messenger function

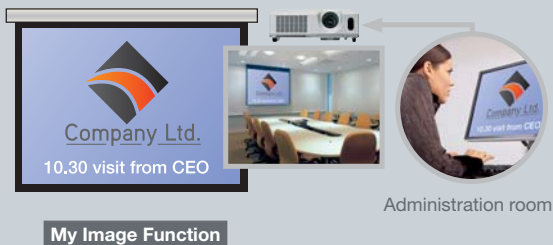
This clever function lets you send text to multiple, networked projectors at the same time. This is ideal for projecting daily work schedules, university campus notifications, school activities or any information that needs to go out over a large area – fast.



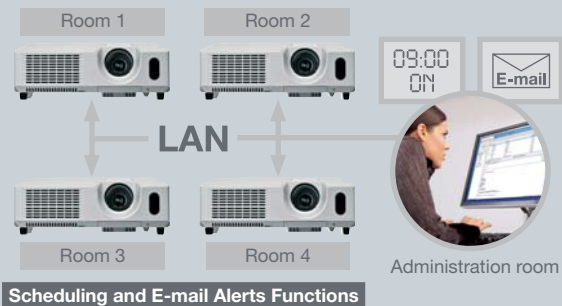
Convenient networking functions

Now you can manage and control multiple projectors over your LAN. The projector can monitor and diagnose its own status, as well as that of other network applications. You can

also schedule the projector to turn on and off automatically. And all of this functionality can be easily accessed via a web browser.



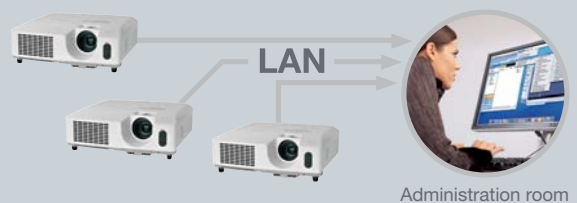
My Image Function



Scheduling and E-mail Alerts Functions

Centralised reporting functions

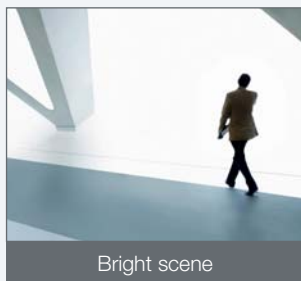
Using a single PC, you can create html reports for all your networked projectors. This can make maintenance simpler – for example, by revealing any projector that isn't working or any projectors that are due for maintenance.



▶ Outstanding picture quality

Exceptional contrast

The Multi-purpose range has a 2000:1 contrast ratio that you'd expect from high-end projectors. But it also has something extra special: our Active Iris. This automatically ensures optimal image contrast and depth perspective during both bright and dark scenes – for the brightest whites, blackest blacks and boldest colours.

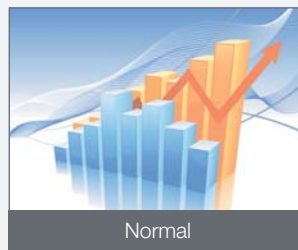


High picture quality

In this projector range, Hitachi brings together a variety of innovative features for superior picture quality. Motion Adaptive Progressive Scan reduces line flicker, boosting resolution and smoothing moving images. Noise Reduction boosts clarity. And Hitachi's unique Equalising Gamma Function helps you customise gamma and colour balance to suit your personal picture preferences.

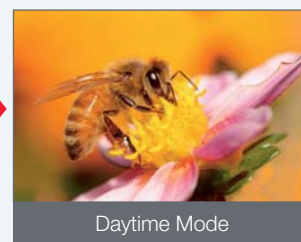
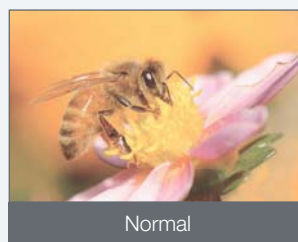
Blackboard and Whiteboard Modes

Projecting onto coloured backgrounds can make images appear dull – whilst shiny backgrounds can make them uncomfortably bright. With our Blackboard and Whiteboard modes, you can ensure optimal brightness whether the screen is black, green or shiny white.



Daytime Mode

It can be harder to see a projected picture when the sun is shining brightly. Using Daytime Mode, projections are always vivid and colourful in a bright environment.



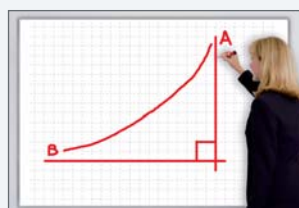
▶ Usability

Power Saving Mode

The Power Saving Mode reduces stand-by power consumption to less than 5W*.

Template function

This unique Hitachi feature allows you to project different types of lines and grids onto a whiteboard, blackboard or flip chart, to make writing and drawing easier.



Input Source Naming

Now you can name your input sources so they're easier to understand – for instance, 'S-video' can become 'DVD player'.

16W internal speaker

A powerful speaker ensures you can project sound clearly across large rooms.

Eco Mode

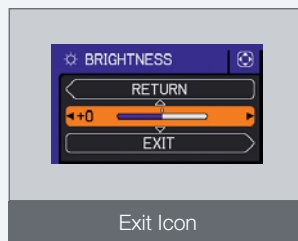
Equivalent to the sound of a whisper, the lowest noise setting of 29dB means the projector won't intrude on your presentations.

Audio Pass Through

When you just need sound and not pictures, this feature lets you hear the projector's speakers whilst the rest is on stand-by – helping you preserve lamp life.

New OSD (On Screen Display) Menu Design

The new menu is much easier to use. Navigating through the different options is easier, whilst settings are clearly named.



Additional Features

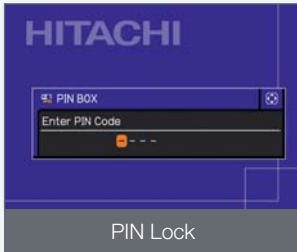
- 4-Second Quick Start
- Auto Vertical Keystone Correction
- IR Remote Frequency Change
- Direct Power On/Off
- My Button
- My Text
- Resolution Preset and Custom Modes

*The following features are disabled: RS-232C control except turn-on command; audio capability including Audio Pass Through

Security

PIN Lock

The Multi-purpose range has a wide range of security features to help protect your projector at all times. PIN Lock, for instance, ensures only authorised people can use the projector by entering their PIN. This screen can be branded to your company or educational establishment using the MyScreen function.



PIN Lock



MyScreen PIN Lock

Security bar

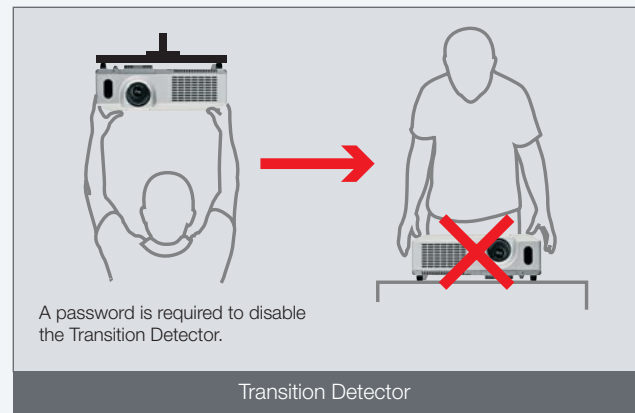
For physical security, a chain can be added with ease.



Security Bar

Transition Detector

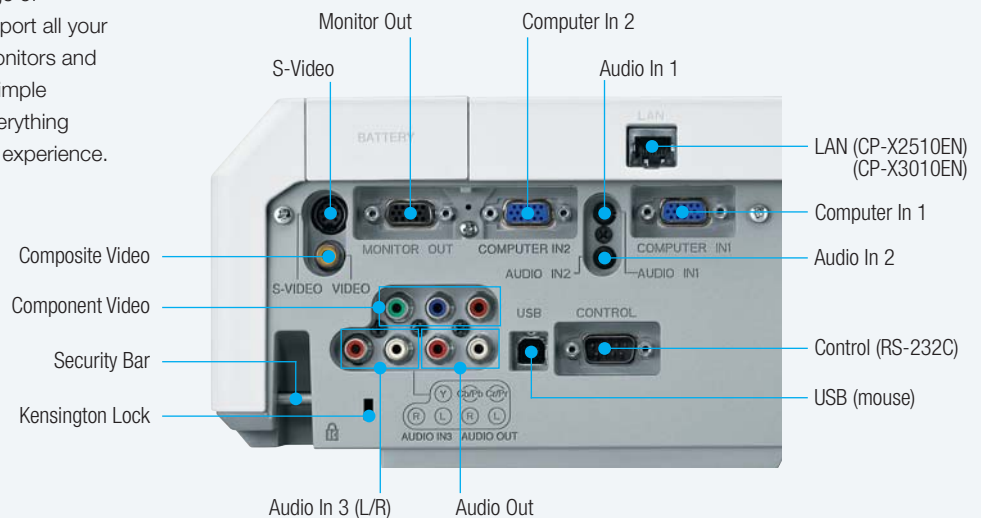
If the projector is removed from its installed location, it triggers Hitachi's unique Transition Detector. This renders the projector inoperative unless a password is entered.



Transition Detector

Connectivity

You can connect the Multi-purpose range of projectors to a variety of devices, to support all your projection needs. From DVD players, monitors and PCs, to the Local Area Network and a simple mouse connection, Hitachi has done everything possible to create the most flexible user experience.



CP-X2510E/EN

CP-X3010E/EN

OPTICAL		
LCD Panel	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3
Resolution	XGA	XGA
Brightness	Normal Mode 2600 ANSI Lumens Eco Mode 1800 ANSI Lumens	3000 ANSI Lumens 2100 ANSI Lumens
Contrast ratio	2000:1	2000:1
Lens	Manual focus, manual zoom x 1.2	Manual focus, manual zoom x 1.2
Lamp wattage	210W UHP	210W UHP
Lamp life	3000 hours (Normal Mode)/6000 hours (Eco Mode)*	3000 hours (Normal Mode)/6000 hours (Eco Mode)*
Diagonal display size	30~300" (60"@1.8m, Wide)	30~300" (60"@1.8m, Wide)
Number of colours	8 Bit/colour, 16.7M colours	8 Bit/colour, 16.7M colours
Keystone	9:1 upward shift, fixed	9:1 upward shift, fixed
COMPATIBILITY		
Computer compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, SXGA+, UXGA compressed, MAC 16"	IBM Compatible VGA, SVGA, XGA, SXGA, SXGA+, UXGA compressed, MAC 16"
Video compatibility	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43/PAL60
Plug & Play	SDTV: 480i, 480p, 576i, 576p HDTV: 720p (@50/60Hz), 1080i (@50/60Hz), 1080p (@50/60Hz) DDC2B	SDTV: 480i, 480p, 576i, 576p HDTV: 720p (@50/60Hz), 1080i (@50/60Hz), 1080p (@50/60Hz) DDC2B
FEATURES		
Speakers	16W Mono	16W Mono
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP & DOWN (for USB mouse function)	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP&DOWN (for USB mouse function)
Picture adjustments	Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction	Equalizing Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction
Digital keystone	Auto V keystone ±30 degrees(@XGA 60Hz)	Auto V keystone ±30 degrees(@XGA 60Hz)
Advanced features	MyScreen, My Memory, My Button, My Text, My Source, Blackboard/Whiteboard mode, Day Time Mode, Input Source Naming (English), Resolution Preset and Custom Modes, Template, Closed Caption (for NTSC only), Audio Pass Through	MyScreen, My Memory, My Button, My Text, My Source, Blackboard/Whiteboard mode, Day Time Mode, Input Source Naming (English), Resolution Preset and Custom Modes, Template, Closed Caption (for NTSC only), Audio Pass Through
Outward	Easy lamp replace from top, Air filter sliding from bottom to front	Easy lamp replace from top, Air filter sliding from bottom to front
Power on & off	4 Second Quick On, Direct On, Auto Off	4 Second Quick On, Direct On, Auto Off
Security systems	PIN Lock, Myscreen PIN Lock, Keypad Lock, Kensington slot, Transition detector, Security bar	PIN Lock, Myscreen PIN Lock, Keypad Lock, Kensington slot, Transition detector, Security bar
Network (CP-X2510E/CP-X3010E)	Network bridge, Messenger function, Reporting function, Projector set up via RS-232C	Network bridge, Messenger function, Reporting function, Projector set up via RS-232C
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)
CONNECTIONS		
Computer input	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
Video input	3 x Component RCA, 1 x RCA Jack for composite, 1 x S-Video	3 x Component RCA, 1 x RCA Jack for composite, 1 x S-Video
Audio input	2 x Stereo Mini Jack, 1 x RCA(L/R) pair (Selectable on OSD)	2 x Stereo Mini Jack, 1 x RCA(L/R) pair (Selectable on OSD)
Audio output	1 x RCA (L/R)	1 x RCA (L/R)
Mouse emulation	1 x USB type B for mouse control	1 x USB type B for mouse control
Control	1 x 9-pin D-sub for RS232 control	1 x 9-pin D-sub for RS232 control
Wired Network (CP-X2510E/CP-X3010E)	1 x RJ-45	1 x RJ-45
POWER		
Power supply	100-120V/220-240V, auto switching	100-120V/220-240V, auto switching
Power Consumption/Standby	330W/<5W	330W/<5W
PHYSICAL		
Dimensions (W x H x D)	317 x 98 x 288mm (excluding feet and extrusions) (CP-X2510E) 317 x 118 x 288mm (excluding feet and extrusions) (CP-X2510EN)	317 x 98 x 288mm (excluding feet and extrusions) (CP-X3010E) 317 x 118 x 288mm (excluding feet and extrusions) (CP-X3010EN)
Weight	3.6Kg (CP-X2510E), 4.2Kg (CP-X2510EN)	3.6Kg (CP-X3010E), 4.2Kg (CP-X3010EN)
Noise level	29dB (Eco Mode)/36dB (Normal Mode)	29dB (Eco Mode)/36dB (Normal Mode)
Air filter	Super Hybrid	Super Hybrid
MISCELLANEOUS		
	Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side	Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side
CERTIFICATION		
	UL60950/C-UL, FCC Part 15 Class B, CE, AS/NZS CISPR22 Class B	UL60950/C-UL, FCC Part 15 Class B, CE, AS/NZS CISPR22 Class B
ACCESSORIES SUPPLIED		
	Remote control with batteries, Computer cable, Power cord, Lens cap and strap, User manual (detail & concise)	Remote control with batteries, Computer cable, Power cord, Lens cap and strap, User manual (detail & concise)
OPTIONAL ACCESSORIES		
Replacement lamp	DT01021	DT01021
WARRANTY		
Projector warranty	3 Years	3 Years
Lamp warranty	6 Months	6 Months

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.9	1.0	41	5
40" (1.0)	1.2	1.4	55	6
50" (1.3)	1.5	1.8	69	8
60" (1.5)	1.8	2.1	82	9
100" (2.5)	3.0	3.6	137	15
150" (3.8)	4.5	5.3	206	23
200" (5.1)	6.0	7.1	274	30
250" (6.4)	7.5	8.9	343	38
300" (7.6)	9.0	10.7	411	46

