TECHNICAL SPECIFICATIONS

MODEL	CP-X2521WN	CP-X3021WN	CP-RX93	CPX11WN	CPWX12WN
OPTICAL					
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)
Light output (brightness) (ANSI Lumens)	2700 (Normal Mode)/1700 (Eco Mode)	3200 (Normal Mode)/2000 (Eco Mode)	2600 (Normal Mode, 1700 (Eco Mode)	3200 (Normal Mode)/2000 (Eco Mode)	2600 (Normal Mode)/1700 (Eco Mode)
Colour light output (colour brightness) (ANSI Lumens)	2700 (Normal Mode)/1700 (Eco Mode)	3200 (Normal Mode)/2000 (Eco Mode)	2600 (Normal Mode, 1700 (Eco Mode)	3200 (Normal Mode)/2000 (Eco Mode)	2600 (Normal Mode)/1700 (Eco Mode)
Contrast ratio	2000:1 (Intelligent Eco Mode)	2000:1 (Intelligent Eco Mode)	1000:1	2000:1	2000:1
Lens	Manual focus, manual zoom x 1.2	Manual focus, manual zoom x 1.2	Manual focus, manual zoom x 1.2	Manual focus, manual zoom x 1.2	Manual focus, manual zoom x 1.2
Lamp life	3000 hours (Normal Mode)/5000 hours (Eco Mode)*	3000 hours (Normal Mode)/5000 hours (Eco Mode)*	3000 hours (Normal Mode)/5000 hours (Eco Mode)*	3000 hours (Normal Mode)/4 000 hours (Eco Mode)*	3000 hours (Normal Mode)/5000 hours (Eco Mode)*
Diagonal display size	30–300" (76–762cm)	30–300" (76–762cm)	30–300" (76–762cm)	30–300" (76–762cm)	30–300" (76–762cm)
Keystone correction	6:1 upward shift, fixed	6:1 upward shift, fixed	6:1 upward shift, fixed	6:1 upward shift, fixed	13:1 upward shift, fixed
Distance to width ratio (:1)	1.5 (Wide), 1.7 (Tele)	1.5 (Wide), 1.7 (Tele)	1.5 (Wide), 1.7 (Tele)	1.3 (Wide), 1.5 (Tele)	1.5 (Wide), 1.8 (Tele)
COMPATIBILITY					
Computer compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WXGA, WXGA+, MAC 16"	IBM Compatible VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WXGA, WXGA+, MAC 16"	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (Up to UXGA 60Hz)	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (Up to UXGA)	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, MAC 16" (Up to UXGA)
Video compatibility	SDTV: 480i, 480p, 576i, 576p, HDTV: 720p(@50/60Hz), 1080i(@50/60Hz), 1080p(@50/60Hz)	SDTV: 480i, 480p, 576i, 576p, HDTV: 720p(@50/60Hz), 1080i(@50/60Hz) (@50/60Hz)	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)	SDTV: 480i,480p, 576i,576p, HDTV: 720p(@50/60Hz), 1080i(@50/60Hz), 1080p(@50/60Hz)
FEATURES					
Speaker	1W Mono	1W Mono	–	1W Mono	1W 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)	Freeze, Magnifying, Blank, Auto adjustment, Search,	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	Equalising gamma correction, 2-3 pull down for NTSC, Progressive Scan, Noise reduction	Equalising gamma correction, 2-3 pull down for NTSC, Progressive Scan, Noise reduction	Equalising Gamma Correction, 2-3 pull down for NTSC, Progressive Scan, Noise Reduction	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, Noise Reduction
Advanced features	MyScreen, My Memory, Eco Button, My Button, My Text, My Source, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through	MyScreen, My Memory, Eco Button, My Button, My Text, My Source, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through	MyScreen, My Memory, Eco Button, My Button, My Text, My Source, blackboard/whiteboard mode, Daytime mode, input source naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only)	MyScreen, My Memory, Eco Button, My Button, My Text, My Source, blackboard/whiteboard mode, Daytime mode, input source naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through	MyScreen, My Memory, Eco Button, My Button, My Text, My source, blackboard/whiteboard mode, Day Time mode, input source naming (English), resolution setting, Template, Closed Caption (for NTSC & component 480i only), Audio pass through
Power on & off	Quick Power On, Direct On, Auto Off, Auto Eco Mode	Quick Power On, Direct On, Auto Off, Auto Eco Mode	Direct On, Auto off, Auto Eco Mode	Quick On, Direct On, Auto off, Auto Eco Mode	Quick On, Direct On, Auto off, Auto Eco Mode
Security systems	Security bar, PIN-Lock, MyScreen Password, Keypad-Lock, Kensington slot, Transition detector, My Text, Security label	Security bar, PIN-Lock, MyScreen Password, Keypad-Lock, Kensington slot, Transition detector, My Text, Security label	Security Bar, PIN-Lock, MyScreen Password, Keypad Lock, Kensington slot, My Text	Security Bar, PIN-Lock, MyScreen Password, Keypad Lock, Kensington slot, Transition Detector, My Text, Security label	Security Bar, PIN-Lock, MyScreen Password, Keypad Lock, Kensington slot, Transition Detector, My Text, Security label
Network	Campus Notification System, Moderator Control Mode, Multi-Projector Mode, Configure and control projector via web browser, Receive alerts via e-mail, Projector management via SNMP, Crestron RoomView, Scheduling, My Image, Displaying text data transferred via the network, Command Control via network, AMX Device Discovery, PJ Link™, Network Bridge	Campus Notification System, Moderator Control Mode, Multi-Projector Mode, Configure and control projector via web browser, Receive alerts via e-mail, Projector management via SNMP, Crestron RoomView, Scheduling, My Image, Displaying text data transferred via the network, Command Control via network, AMX Device Discovery, PJ Link™, Network Bridge	–	Campus Notification System, Moderator Control Mode, Multi-Projector Mode, Configure and control projector via web browser, Receive alerts via e-mail, Projector management via SNMP, Crestron RoomView, Scheduling, My Image, Displaying text data transferred via the network, Command Control via network, AMX Device Discovery, PJ Link™, Network Bridge	Campus Notification System, Moderator Control Mode, Multi-Projector Mode, Configure and control projector via web browser, Receive alerts via e-mail, Projector management via SNMP, Crestron RoomView, Scheduling, My Image, Displaying text data transferred via the network, Command Control via network, AMX Device Discovery, PJ Link™, Network Bridge
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish,Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian,Thai, Portuguese (Brazil), Indonesian, Vietnamese	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish,Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian,Thai, Portuguese (Brazil), Indonesian, Vietnamese	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish,Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian,Thai, Portuguese (Brazil), Indonesian, Vietnamese	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese
CONNECTIONS					
Digital input	1 x HDMI (HDCP compliant)	1 x HDMI (HDCP compliant)	–	1 x HDMI (HDCP compliant)	1 x HDMI (HDCP compliant)
Computer input	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	1x 15-pin Mini D-sub	2 x 15-pin Mini D-sub	2 x 15-pin Mini D-sub
Monitor output	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub	–	1 x 15-pin Mini D-sub	1 x 15-pin Mini D-sub
Video input	2 x Component D-sub (shared with analogue RGB) 1 x RCA for composite, 1 x Mini-DIN for S-Video	2 x Component D-sub (shared with analogue RGB) 1 x RCA for composite, 1 x Mini-DIN for S-Video	1 x Component D-sub (shared with analogue RGB) 1 x RCA for composite	2 x Component D-sub (shared with analogue RGB) 1 x RCA for composite 1 x Mini-DIN for S-Video	2 x Component D-sub (shared with analogue RGB) 1 x RCA for composite 1 x Mini-DIN for S-Video
Audio input	2 x Stereo mini jack	2 x Stereo mini jack	–	2 x Stereo mini jack	2 x Stereo mini jack
Audio ouput	1 x Stereo mini jack	1 x Stereo mini jack	–	1 x Stereo mini jack	1 x Stereo mini jack
USB Type A	1 x USB Type A (for PC-less presentation or wireless adaptor)	1 x USB Type A (for PC-less presentation or wireless adaptor)	–	1 x USB Type A (for PC-less presentation or wireless adaptor)	1 x USB Type A (for PC-less presentation or wireless adaptor)
USB Type B	1 x USB Type B (for USB display or USB mouse control)	1 x USB Type B (for USB display or USB mouse control)	–	1 x USB Type B (for USB display or USB mouse control)	1 x USB Type B (for USB display or USB mouse control)
Wired network	1 x RJ-45	1 x RJ-45	–	1 x RJ-45	1 x RJ-45
Wireless network	Optional, IEEE801.11b/g/n ready	Optional, IEEE801.11b/g/n ready	–	Optional, IEEE801.11b/g/n ready	Optional, IEEE801.11b/g/n ready
Control	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control	–	1 x 9-pin D-sub for RS-232C control	1 x 9-pin D-sub for RS-232C control
POWER					
Power supply	100-120V/220-240V, auto switching	100-120V/220-240V, auto switching	100-120V/220-240V, auto switching	100-120V/220-240V, auto switching	100-120V/220-240V, auto switching
Power consumption/Standby	310W/<0.4W	310W/<0.4W	270W/<0.4W (AC220 - 240V)	310W/<0.4W	310W/<0.4W
PHYSICAL					
Dimensions (W x H x D)	306 x 77 x 221mm (excluding feet and extrusions)	306 x 77 x 221mm (excluding feet and extrusions)	306 x 77 x 221mm (excluding feet and extrusions)	306 x 77 x 221mm (excluding feet and extrusions)	306 x 77 x 221mm (excluding feet and extrusions)
Weight	Approximately 2.3Kg	Approximately 2.3Kg	Approximately 2.2Kg	Approximately 2.3Kg	Approximately 2.3Kg
Noise level	35dB (Normal Mode)/28dB (Eco Mode)	35dB (Normal Mode)/28dB (Eco Mode)	35dB (Normal Mode)/28dB (Eco Mode)	35dB (Normal Mode)/28dB (Eco Mode)	35dB (Normal Mode)/28dB (Eco Mode)
Air filter	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)	Urethane (Up to 1000 hours)	Hybrid (up to 5000 hours)	Hybrid (up to 5000 hours)
MISCELLANEOUS					
	Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side, LiveViewer application software, Mac PC support for LiveViewer, MAC address label on side, PJ control	Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side, LiveViewer application software, Mac PC support for LiveViewer, MAC address label on side, PJ control	Lamp indicator lights (lamp, power, temp), 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	Lamp indicator light, Power light, Ceiling mount image, Rear projection image, Serial number label on side
ACCESSORIES SUPPLIED					
	Remote control with batteries (HL02771), Computer cable, Power cord, Lens cap, Security label, User manual (detail & concise)	Remote control with batteries (HL02771), Computer cable, Power cord, Lens cap, Security label, User manual (detail & concise)	Remote control with batteries (HL02771), Computer cable, Power cord, Security label, User manual (detail & concise)	Remote control with batteries (HL02771), Computer cable, Power cord, Lens cap, Soft case, Security label, User manual (detail & concise)	Remote control with batteries (HL02771), Computer cable, Power cord, Lens cap, Soft case, Security label, User manual (detail & concise)
OPTIONAL ACCESSORIES					
Replacement lamp/lamp Wattage	DT01191/215W	DT01191/215W	DT01151	DT01191/215W	DT01191/215W
USB wireless adaptor	USB-WL-11N	USB-WL-11N	–	USB-WL-11N	USB-WL-11N
WARRANTY					
Projector warranty/lamp warranty	3 years/6 months or 5000 hours**	3 years/6 months or 5000 hours**	3 years/6 months or 4000 hours**	3 years/6 months or 5000 hours**	3 years/6 months or 5000 hours**

Connectivity

CP-X2521WN, CP-X3021WN, CPX11WN, CPWX12WN

USB Type B · S-Video
HDMI · Composite Video
USB Type A · Audio In 1/2
LAN · Computer In 1/2
Audio Out · Kensington slot
Monitor Out · Control (RS-232C)

CP-RX93

Composite Video · Computer In 1 (Component D-sub) · Kensington slot

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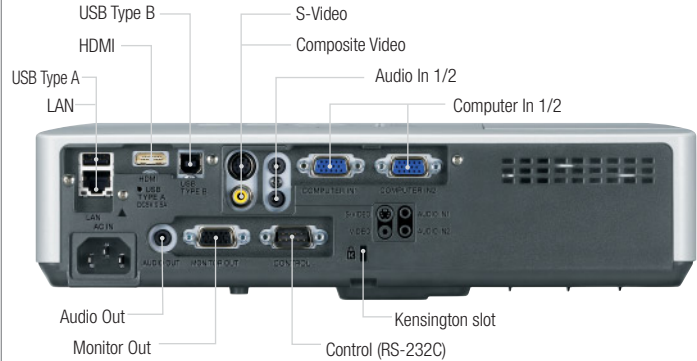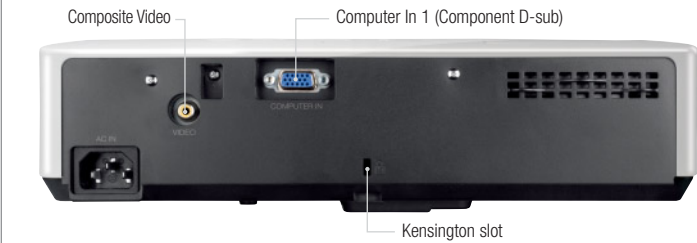
Hitachi's environmental vision

"Thanks to environmentally friendly materials, an environmentally aware approach to manufacturing, more efficient distribution and reduced packaging we have reduced the environmental impact of our projectors before they even reach your meeting."

- *The extended Hybrid Filter and lamp life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint*[1]

- *Hitachi is committed towards eco-friendly solutions, using paint-free casing and lower amounts of packaging*

- *The ECO button on the top of the projector provides automatic power saving*

- *Compliant with the EU Directive RoHS*[2]

[1] Available on the CP-X2521WN, CP-X3021WN, CPX11WN and CPWX12WN.
[2] RoHS is the acronym of "Directive 2002/95 EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

*The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps and filters should achieve this figure. **A free replacement lamp will be issued if the original lamp is less than 6 months old and it has only been used for less than the hours stated on lamp warranty from the date of first use. Where a lamp fails and a replacement lamp is taken under warranty, the duration of the warranty for the replacement lamp shall be the remainder of the original warranty period only. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. AMX and the AMX logo, and Device Discovery are all registered trademarks of AMX. Crestron® and RoomView™ are registered trademarks or trademark of Crestron Electronics, Inc. The specification above and photography is for reference only and may be subject to change.*

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PORTABLE LCD PROJECTORS

INNOVATE
The Future of Projection

▸ CP-X2521WN   ▸ CPX11WN   ▸ CP-RX93
▸ CP-X3021WN   ▸ CPWX12WN

3LCD · HYBRID FILTER · HDMI · LAN · WLAN · CRESTRON · AMX

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Real presentation power, anywhere you go

Being able to deliver a powerful presentation anywhere is vital for modern mobile business professionals. Weighing as little as 2.3kg and designed for reliability, Hitachi portable projectors pack the features and performance of larger models, delivering outstanding results wherever your business takes you. Quick and easy to set up, they take the stress out of presenting.

Lightweight and easy to carry

Supplied with a soft carry case* these compact and light weight models are not only easy to carry in the office, they are the ideal presentation solution for visiting customers too.

*Softcase supplied with CPX11WN and CPWX12WN.

Versatile connectivity

Wireless capability*
The USB wireless adaptor supports all IEEE802.11b/g/n networks and enables the projector and computer to communicate both directly or via a wireless network infrastructure, letting you run presentations or lessons wirelessly from your laptop.

*Available on the CP-X2521WN, CP-X3021WN, CPX11WN and CPWX12WN.

Without access point communication   With access point communication   Access point
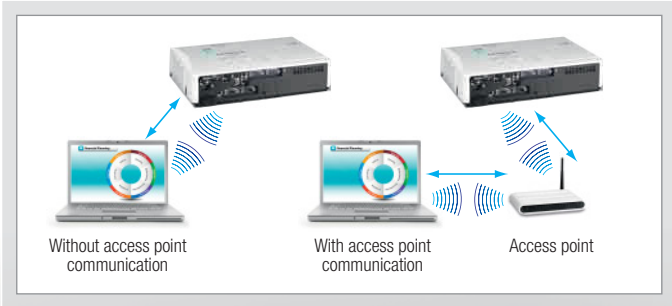
Valuable performance features

Present without a PC*1
Using a USB memory stick*2 or other suitable storage device, users can display presentations or images through the projector without the need of a computer. The thumbnail display ensures that menus are easy to see, and there is also a slideshow function.

*1 Available on the CP-X2521WN, CP-X3021WN, CPX11WN and CPWX12WN.
*2 Not compatible with all USB storage devices.

Beginning of slideshow

Unplayable slides within slideshow

End of slideshow

Wireless Multi-user presentations*
The wireless presentation capabilities of these models combined with the Live-viewer software allows up to four computer screens to be displayed simultaneously. Individual usernames can be assigned to connected computers making it easy to keep a track of displayed presentations. This provides greater flexibility when presenting and eliminates the clutter caused by cables.

HDMI input*
HDMI provides completely digital connections, ensuring that lessons and presentations can be delivered with the highest image quality.

Large images in a limited space
Hitachi projectors overcome the challenge of delivering presentations in small rooms with limited space, as they can project a 60" (1.52m) from less than 75" (1.9m) away.

≤75in (1.9m)

Template function
This unique Hitachi feature allows you to project lines, grids and maps onto a whiteboard, blackboard or flip chart, to make writing and drawing and explaining easier.
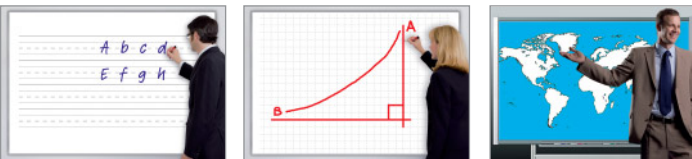
CRESTRON

Crestron RoomView™*
RoomView™ software provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer. RoomView Connected™ Projector Support Projectors with Crestron inside already connect directly to RoomView Express software. Built-in network connectivity provides instant status and remote technical support so your class or meeting is never interrupted. Broadcast messaging ensures a safe environment. Instructors can send an urgent memo to the main office, and administrators can alert presenters in every room with just one click. Schedule all the projectors throughout the facility to turn off at the end of the day, saving energy and preserving lamps.

*Available on the CP-X2521WN, CP-X3021WN, CPX11WN and CPWX12WN.

Low Total Cost of Ownership

Long lamp and Hybrid Filter life
A Hitachi Hybrid filter requires minimal maintenance and should last as long as the projector lamp. And because replacement lamps come with a new filter, you can simply replace both at the same time making it unnecessary to clean the filter. Using the new Eco Mode, lamp life is now up to 5000 hours* – enough for years of bright effective mobile presentations.

*Up to 5000 hours on CP-X2521WN, CP-X3021WN, CPX11WN and CPWX12WN. Up to 4000 hours on CP-RX93.
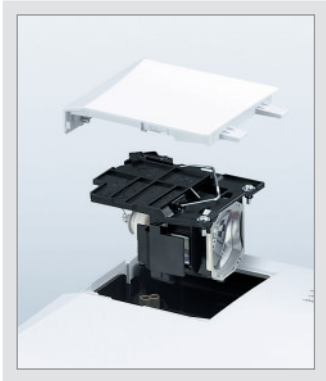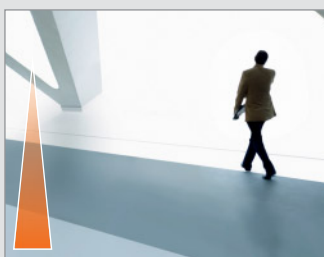
Intelligent Eco Mode and 2000:1 contrast ratio*
When Intelligent Eco Mode is selected, the brightness of the lamp automatically changes according to the level of the input signal. The lamp becomes brighter when the input signal level is high and darker when the level is low. In addition these projectors offer you a higher contrast ratio of 2000:1.

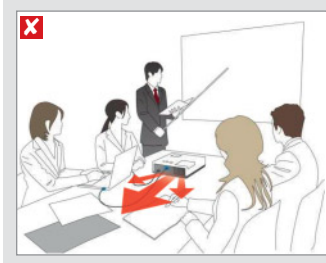*Available on the CPX11WN, CPWX12WN, CP-X2521WN and CP-X3021WN.

Lamp becomes less bright   Lamp becomes more bright

Front air exhaust
Warm air is exhausted at the front of the projector, away from your audience. The result is a quieter more comfortable meeting, with less distraction.

Eco Button
You can switch to Eco Mode or Intelligent Eco Mode quickly by pressing the Eco Button. This puts the projector into the most efficient mode (<0.4W in standby). The Eco Button can also be customised and you can assign certain functions to it from the My Button menu.

ECO
MY BUTTON

Audio pass through
Audio pass through allows the user to listen to external speakers via the projectors audio output whilst in standby mode, so you experience audio without images. This feature preserves the lamp life when you only need sound.

AUDIO SOURCE