PORTABLE
LCD PROJECTORS

▶ **CPX4** ▶ **CPX7** ▶ **CPX8** ▶ **CPWX8** ▶ **CPX9**

INN●VATE
The Future of Projection

WLAN · 3LCD · HYBRID FILTER · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · HD ready · LAN · AMX DEVICE DISCOVERY

The HD ready logo (and all references
to HD) applies to CPWX8 only

HITACHI
Inspire the Next

Impressive presentations on the go

A projector for today's mobile professional

Combining stunning features with powerful performance and weighing as little as 1.8Kg, these are the ultimate portable projectors for the mobile business consumer.

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.

Quick start and Auto off

Begin and end your presentations in a matter of seconds with Quick start and Auto off.

QUICK START

My Button*

This customisable feature allows the user to to assign a designated or frequently used function from the menu to this button. In addition the green button on the top of the projector enables the user to instantly clear the projection screen.
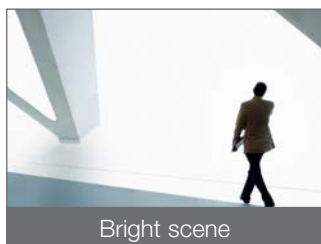
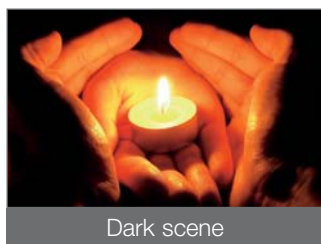**BLANK**
MY BUTTON

Applies to CPX7, CPX8, CPWX8 & CPX9

Outstanding picture quality

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.
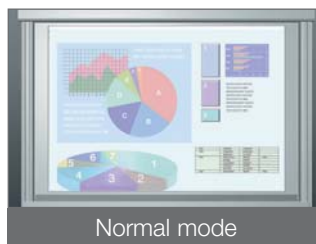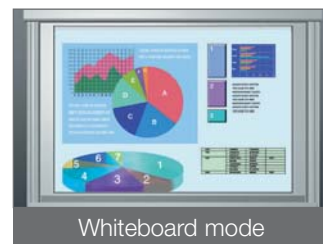
Bright scene

Dark scene

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.

Normal mode

Whiteboard mode

Virtually maintenance free

Long lamp life*

Now you can benefit from longer lamp life than ever before. Using the new Eco Mode, lamp life is extended up to 4000 hours.

Applies to CPX7, CPX8, CPWX8 & CPX9

Hybrid Filter*

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.

Applies to CPX7, CPX8, CPWX8 & CPX9

Usability Features

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.

Input Source Naming

Now you can name your input sources so they're easier to understand and identify – for instance, 'S-Video' can become 'DVD player'.
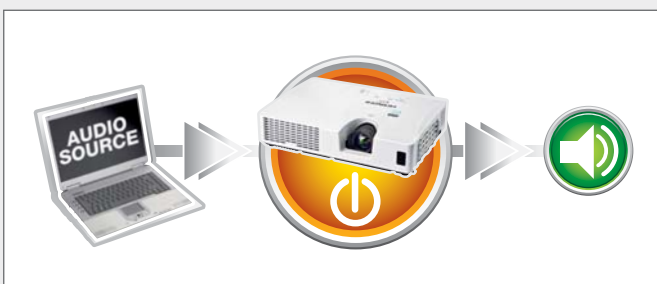
PC-less presentations

Convenient USB* and SD card* slots allow you to present images and presentations computer-free, direct from the storage devices.
*Applies to CPX4 only
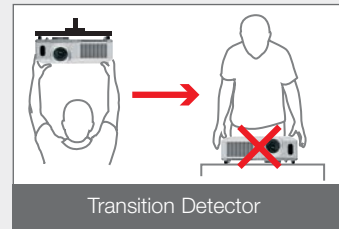
Selected item

Thumbnail menu

Thumbnail images

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.
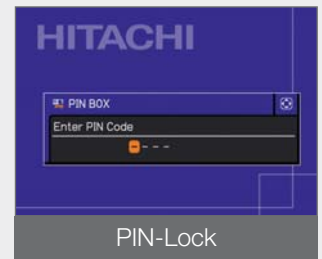
Security functions

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

PIN-Lock
The projector PIN-Lock, ensures only authorised people can use the projector by entering their unique PIN code. This screen can be branded to your company or educational establishment using the MyScreen function.

MyScreen PIN-Lock

PIN-Lock

Built-in front air exhaust*

The projectors are designed to exhaust warm air from the front.
*Applies to CPX7, CPX8, CPWX8 & CPX9

Low fan noise

Hitachi Portable projectors offer the least distraction for your presentations. With a noise level of just 29dB in Eco Mode its internal fan is one of the quietest in its class, so all your audience will hear is what you have to say, not the operating noise of the projector.

Large images in a limited space

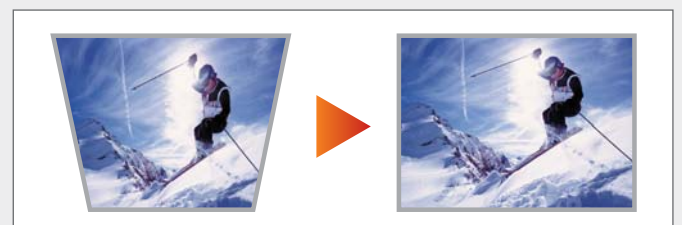There's no problem using these projectors even in the limited space of a small meeting room, as they can be placed only 1.5m (60in) from a whiteboard to project a 1.5m (60in) image.*
*Applies to CPX4, CPX8, & CPX9

Auto vertical keystone correction

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

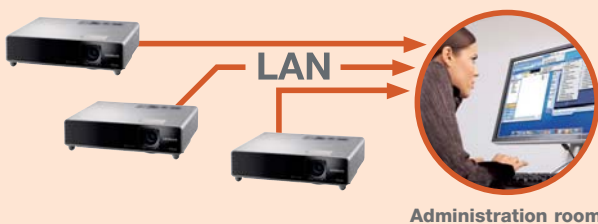# CPX4 Network functions

Quick and easy network presentations

Hitachi's MIU LiveViewer software* provides a quick and easy connection wizard for setting up a wired or wireless network presentation. Just input the pass code shown on the screen for convenient network presentations via wired or wireless connections.

Requires additional PC software. Download available directly from Hitachi website: www.hitachidigitalmedia.com. Please refer to your owner's manual or Hitachi re-seller for additional details.

Projector Management Tool

Hitachi's CPX4 is able to remotely monitor and diagnose its status and the status of other network applications with SNMP Management Software. When an error or problem occurs, the projector uses Simple Mail Transfer Protocol (SMTP) to send a warning message to up to five email addresses.

Administration room

Control the projector via web browser

The CPX4 can be controlled and monitored via a web browser without having to download or install application software.

Wireless multi-user presentations

The wireless presentation capabilities of the CPX4 allows up to 4 computer screens to be displayed at the same time. Individual usernames can be displayed for the connected computers making it easy to keep track of displayed presentations. This eliminates the clutter caused by cables and provides greater flexibility when presenting.

Wired and Wireless presentations

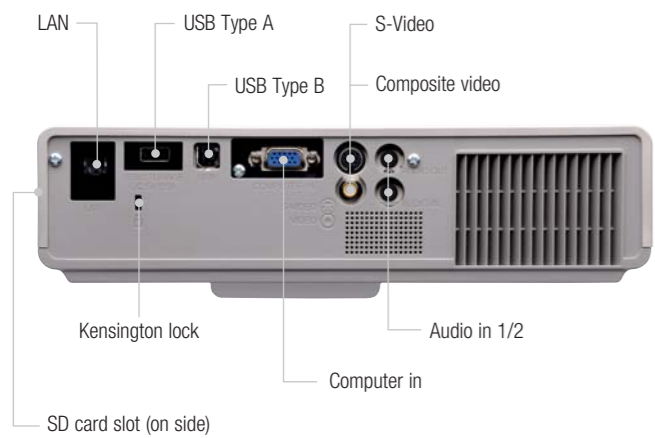The CPX4 can be integrated through a wired or wireless connection, into a LAN for centralised monitoring of power, input, lamp time and other functions. It is also possible to control the power and other functions of a single specified projector or of all projectors linked via the LAN. This makes operating projectors installed in different rooms a simple task.
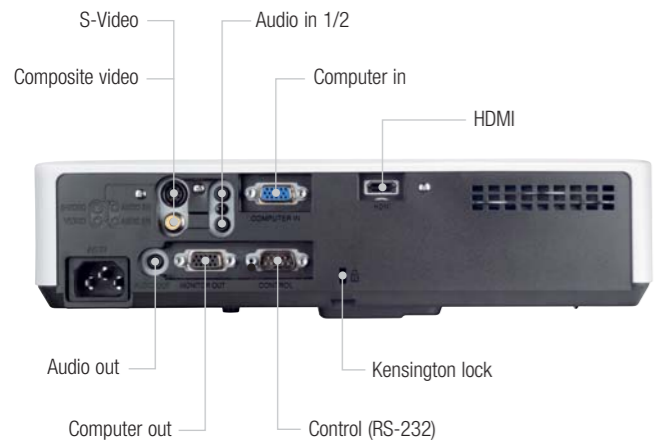

Wired   **Wireless**

CPX4

- LAN
- USB Type A
- S-Video
- USB Type B
- Composite video
- Kensington lock
- Audio in 1/2
- Computer in
- SD card slot (on side)

CPX7, CPX8, CPWX8 and CPX9

- S-Video
- Audio in 1/2
- Composite video
- Computer in
- HDMI
- Audio out
- Kensington lock
- Computer out
- Control (RS-232)

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Full HD 1080p signal support*

With the inclusion of an HDMI port the Portable range of projectors are capable of supporting Full HD signals from a range of devices including a Blu-ray player.

Applies to CPX7, CPX8, CPWX8 & CPX9

TECHNICAL SPECIFICATIONS

PORTABLE

MODEL	CPX4	CPX7	CPX8	CPWX8	CPX9
OPTICAL					
Resolution	XGA (1024 x 768)	XGA (1024 x 768)	XGA (1024 x 768)	WXGA (1280 x 800)	XGA (1024 x 768)
Brightness (ANSI Lumens)	2000 (Normal Mode)/1500 (Eco Mode)	2200 (Normal Mode)/1500 (Eco Mode)	2700 (Normal Mode)/1900 (Eco Mode)	2600 (Normal Mode)/1800 (Eco Mode)	3200 (Normal Mode)/2200 (Eco Mode)
Colour light output	–	2200 ANSI Lumens	2700 ANSI Lumens	2600 ANSI Lumens	3200 ANSI Lumens
Contrast ratio	500:1	500:1	500:1	500:1	500:1
Lens	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	2000 hours (Normal Mode)/3000 hours (Eco Mode)*	3000 hours (Normal Mode)/4000 hours (Eco Mode)*	3000 hours (Normal Mode)/4000 hours (Eco Mode)*	3000 hours (Normal Mode)/4000 hours (Eco Mode)*	3000 hours (Normal Mode)/4000 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	Fixed, 6:1 upward shift	Fixed, 6:1 upward shift	Fixed, 6:1 upward shift	Fixed, 13:1 upward shift	Fixed, 6:1 upward shift
Distance to width ratio (:1)	1.3 (Wide), 1.5 (Tele)	1.5 (Wide), 1.7 (Tele)	1.3 (Wide), 1.5 (Tele)	1.5 (Wide), 1.8 (Tele)	1.3 (Wide), 1.5 (Tele)
COMPATIBILITY					
Computer compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA+, SXGA, UXGA (compressed), MAC 16"	PC, VGA, SVGA, XGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"
Composite/S-Video	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43
Video compatibility	525i(480i), 525p(480p), 625i(576i), 750p(720p@50/60Hz), 1125i(1080i@50/60Hz)	525i(480i), 525p(480p), 625i(576i), 750p(720p@50/60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz) (compressed)	525i(480i), 525p(480p), 625i(576i), 750p(720p@50/60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz) (compressed)	525i(480i), 525p(480p), 625i(576i), 750p(720p@50/60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz) (compressed)	525i(480i), 525p(480p), 625i(576i), 750p(720p@50/60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz) (compressed)
Plug & Play	DDC2B	DDC2B	DDC2B	DDC2B	DDC2B
FEATURES					
Speaker	1 x 1W	1W Mono	1W Mono	1W Mono	1W Mono
Basic functions	Freeze, magnifying, blank, auto signal search	Freeze, magnifying, blank, auto adjustment, auto signal search	Freeze, magnifying, blank, auto adjustment, auto signal search	Freeze, magnifying, blank, auto adjustment, auto signal search	Freeze, magnifying, blank, auto adjustment, auto signal search
Picture adjustments	Mirror reverse image, up-side down image, digital gamma correction, 2-3 pull down, Progressive Scan, video noise reduction, colour temperature adjustment, picture modes (Normal, Cinema, Dynamic)	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, noise reduction, mirror reverse image, up-side down image, picture freeze, magnify, image blank	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, noise reduction, mirror reverse image, up-side down image, picture freeze, magnify, image blank	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, noise reduction, mirror reverse image, up-side down image, picture freeze, magnify, image blank	Equalising Gamma Correction, 2-3 pull down, Progressive Scan, noise reduction, mirror reverse image, up-side down image, picture freeze, magnify, image blank
Digital keystone	Auto vertical digital keystone correction: ±30°	Auto vertical digital keystone correction: ±30°	Auto vertical digital keystone correction: ±30°	Auto vertical digital keystone correction: ±30°	Auto vertical digital keystone correction: ±30°
Advanced features	Blackboard/whiteboard/greenboard mode, input source naming (English), resolution setting, audio pass through, audio ports assign	MyScreen, My Memory, My Button, My Text, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, template, power saving mode, audio pass through	MyScreen, My Memory, My Button, My Text, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, template, power saving mode, audio pass through	MyScreen, My Memory, My Button, My Text, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, template, power saving mode, audio pass through	MyScreen, My Memory, My Button, My Text, blackboard/whiteboard mode, Daytime Mode, input source naming (English), resolution setting, template, power saving mode, audio pass through
Outward	Easy lamp replace from top, easy filter replace from bottom	Easy lamp replace from top, side intake air filter	Easy lamp replace from top, side intake air filter	Easy lamp replace from top, side intake air filter	Easy lamp replace from top, side intake air filter
Power on & off	Quick start (3 secs), instant off	Quick start, direct on, auto off	Quick start, direct on, auto off	Quick start, direct on, auto off	Quick start, direct on, auto off
Security systems	PIN-Lock, MyScreen PIN-Lock, keypad lock, Kensington slot, transition detector	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	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
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish	English, French, German, Spanish, Italian, Greek, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)	English, French, German, Spanish, Italian, Greek, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)	English, French, German, Spanish, Italian, Greek, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)	English, French, German, Spanish, Italian, Greek, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)
CONNECTIONS					
Digital input	–	1 x HDMI	1 x HDMI	1 x HDMI	1 x HDMI
Computer input	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	1 x 15-pin Mini D-sub
Computer 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	1 x Component D-sub (shared with D-sub1), 1 x RCA for composite, 1 x S-Video	1 x Component D-sub (shared with analogue RGB), 1 x RCA for composite, 1 x S-Video	1 x Component D-sub (shared with analogue RGB), 1 x RCA for composite, 1 x S-Video	1 x Component D-sub (shared with analogue RGB), 1 x RCA for composite, 1 x S-Video	1 x Component D-sub (shared with analogue RGB), 1 x RCA for composite, 1 x S-Video
Audio input	1 x Stereo Mini Jack	2 x Stereo Mini Jack	2 x Stereo Mini Jack	2 x Stereo Mini Jack	2 x Stereo Mini Jack
Audio output	1 x Stereo Mini Jack	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 (PC less presentation)	–	–	–	–
USB Type B	1 x USB type B (for mouse control)	–	–	–	–
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	1 x 9-pin D-sub for RS-232C control
Network	1 x RJ-45 (100BASE-TX), 1 x SD slot (for wireless network (IEEE802.11b/g) and storage)	–	–	–	–
POWER					
Power supply	100-120V/220-240V	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	250W/<12W	270W/<0.5W	270W/<0.5W	270W/<0.5W	270W/<0.5W
PHYSICAL					
Dimensions (W x H x D) (mm)	274 x 65 x 205 (excl feet and extrusions)	306 x 77 x 221 (excl feet and extrusions)	306 x 77 x 221 (excl feet and extrusions)	306 x 77 x 221 (excl feet and extrusions)	306 x 77 x 221 (excl feet and extrusions)
Weight	1.8Kg	2.2Kg	2.2Kg	2.2Kg	2.2Kg
Noise level	35dB (Normal Mode)/29dB (Eco Mode)	35dB (Normal Mode)/29dB (Eco Mode)	35dB (Normal Mode)/29dB (Eco Mode)	35dB (Normal Mode)/29dB (Eco Mode)	35dB (Normal Mode)/29dB (Eco Mode)
Air filter	Normal (3000 hours)	Hybrid	Hybrid	Hybrid	Hybrid
MISCELLANEOUS					
	Lamp Indicator light, power light, ceiling mount image, Rear projection image	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	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, RGB cable, power cord, lens cap, strap, soft case, security label, user manual (detail & concise), filter cover (for ceiling mounting), SD wireless network card, SD slot cover, application software for wireless network	Remote control with batteries, RGB cable, power cord, lens cap, soft case, security label, user manual (detail & concise)	Remote control with batteries, RGB cable, power cord, lens cap, soft case, security label, user manual (detail & concise)	Remote control with batteries, RGB cable, power cord, lens cap, soft case, security label, user manual (detail & concise)	Remote control with batteries, RGB cable, power cord, lens cap, soft case, security label, user manual (detail & concise)
Remote control	HL02224	HL02771	HL02771	HL02771	HL02771
OPTIONAL ACCESSORIES					
Replacement lamp/lamp Wattage	DT00781/160W	DT01141/200W	DT01141/200W	DT01141/200W	DT01141/200W
WARRANTY					
Projector warranty/lamp warranty	3 Years/6 Months**	3 Years/6 Months**	3 Years/6 Months**	3 Years/6 Months**	3 Years/6 Months**

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