CP-AW2519N LCD Projector

HITACHI
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An all-in-one interactive projector designed with education and corporate users in mind.

Key Features

- WXGA 1280 x 800 resolution
- 2,500 ANSI lumens white/color output
- 2000:1 contrast ratio
- HDMI 1 input
- 4,000 hours hybrid filter*
- 3,000 hours lamp life (Standard mode) and 5,000 hours lamp life (Eco mode)**
- Hitachi interactive software

Hitachi's CP-AW2519N high performance interactive LCD projector is designed for today's education and corporate environments. It boasts an extensive feature set which combines WXGA resolution, high brightness and contrast ratio, long lamp life and proven reliability with a compact size chassis. The CP-AW2519N provides crisp, clear images and bold graphics with exceptional color accuracy. Performance enhancing features include Hitachi's interactive business and education software for easy access to functions such as print, email and save, ultra sonic and IR sensor for greater reliability, and the optional wireless tablet and pen which allows you to engage your audience by annotating over images shown on the screen. Plus, with the optional tabletop stand you can make any tabletop a projection screen which is ideal for a small group environment or in a room with limited space. For added peace of mind, Hitachi's CP-AW2519N is also backed by a generous warranty and our world-class service and support programs.

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3LCD

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UNIQUE FEATURES

Drawing Function with Optional Tablet (TB-1)

The optional Hitachi wireless tablet and pen allows you to engage your audience by annotating over images shown on the projector.

Interactive Business and Education Software

Hitachi's interactive software was created with both corporate and education users in mind. Easy access to functions such as print, email and save make this software ideal for any environment.

Perfect Fit 2

Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

Tabletop Presentation

Make any tabletop a projection screen using the optional tabletop stand. Ideal for a small group environment or in a room with limited space.

Ultra Sonic and IR Sensor

For better performance, both an IR sensor and ultra sonic technology are used. This increases reliability as well as eliminating lag time from pen to projection for a more natural writing experience.

STANDARD FEATURES

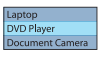
2,500 ANSI Lumens White/Color Output

The color light output specification measures the brightness of red, green and blue, which create all the possible spectrum of colors. Smooth, seamless colors combined with an unparalleled grayscale range and equal white light output delivers bright, clear, true to life images with incredible detail.

Display via USB

Simply plug and play using the USB port instead of the 15-pin D-sub VGA cable.

Input Source Naming



Users can name input sources in simple language instead of factory default name. **Exclusive to Hitachi.**

IR Remote Frequency Change

To avoid conflict with fluorescent lights or IrDA (IR signal) from notebook PC, the frequency of the IR remote control can be changed from the menu. **Exclusive to Hitachi.**

Microphone Input

A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

MyButton / MySource - Doc Camera

Two customizable buttons on the remote control allow users to create a shortcut for any projector command such as: Direct input (RGB1, S-video, etc.), picture mode or filter reset. For connection to a document camera, MySource allows users to add a third document camera source button.

PIN Lock / MyScreen / MyText

PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

Serial Number and Media Access Control Label

A label is affixed to the front of the projector to more easily access and read the model name and serial number while mounted in ceiling use. This is a convenience for installers, end user and auditors for instant accessibility.

Transition Detector and Security Bar

A security sensor located inside the projector recognizes when the projector has been moved. Moving the projector without using the correct PIN code will disable the projector.

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* Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

** Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

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The proven performer for education and corporate environments.

Whether in a classroom or executive boardroom, Hitachi's CP-AW2519N LCD projector is the perfect solution. With 2,500 ANSI lumens brightness and WXGA 1280 x 800 resolution, the CP-AW2519N will captivate the full attention of any audience by delivering your message with clarity and impact. The innovative interactive CP-AW2519N features an ultra short throw design and integrates Hitachi's powerful software to deliver a complete interactive experience on any flat surface. With a rich feature set that meets

the specific interactive needs of both corporate and education users, the CP-AW2519N is easy to install, easy to use, and easy on the environment. Plus, Perfect Fit 2 enables the user to adjust individual corners and sides independent of one another as well as correcting geometric and complicated distortions, allowing the projected image to fit correctly to the screen quickly and easily.

Front 3/4 View

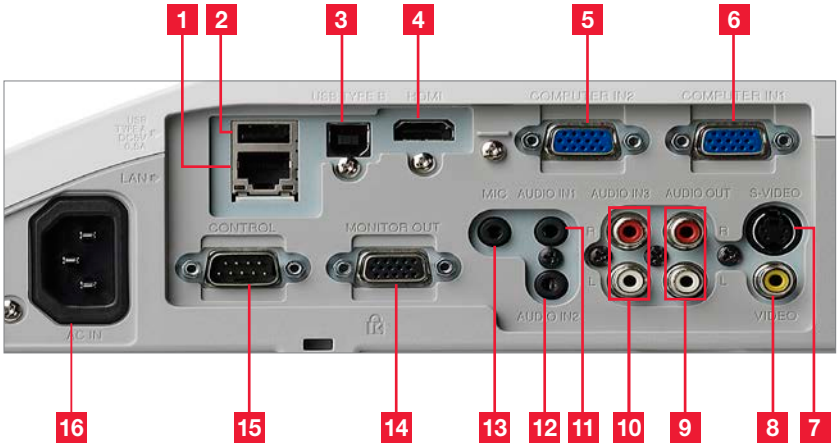
Interactive Series

Top View

Left Side Profile

Right Side Profile

Input/Outputs



1. LAN
2. USB Type A
3. USB Type B
4. HDMI
5. Computer in 2
6. Computer in 1
7. S-Video
8. Composite Video
9. Audio Out
10. Audio in 3
11. Audio in 1
12. Audio in 2
13. Microphone Input
14. Monitor Out
15. Control (RS-232C)
16. AC In

3LCD Technology

Closed Captioning

Crestron Integrated Partner

AMX Device Discovery

Hitachi Trade-Up Program

3 Year Warranty

HDMI

CP-AW2519N

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Accessories and Lenses

Supplied Accessories	Remote control, power cord 14.5 ft., computer cable 16.4 ft., USB cable 16.4 ft., interactive software CD x 1 and DVD x 1, interactive pen x 2, pen tips x 2, user's manual, network manual
Optional Accessories	AW250NWALLARM, A3WALLARM, TB-1 wireless tablet, TT-251 tabletop stand, USBWL11N - USB wireless adapter
Optional Lenses	NA

Replacement Parts

Lamp	CPAW251NLAMP (DT01251)
Remote Control	HL02772
Filter	UX37191
Interactive Pen	I-PEN2

System Requirements for Software

CPU - Intel Core 2 Duo 2.0 GHz or faster
Free hard drive space – 2 GB or more
Free memory – 1 GB or more

Projection Throw Chart (In inches)

Screen Size 16:10	Throw Distance	
Diagonal	**Distance from leading edge of projector to screen**	**Distance from mirror to screen**
60	4.7	16.8
70	7.4	19.5
80	10.1	22.1
90	12.8	24.8
100	15.4	27.5

Throw Ratio: (distance : width)
0.1 : 1 from edge of projector
0.3 : 1 from mirror

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WXGA - 1280 x 800
	White Light Output	2,500 ANSI lumens
	Color Light Output	2,500 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10 / 4:3 and 16:9 compatible
	Contrast Ratio	2000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	0.1 : 1 from edge of projector to screen 0.3 : 1 from mirror to screen
Lens & Operation	**Lens**	F = 4.1 mm
	Lamp Wattage	210W
	Expected Lamp Life*	Approximately 3,000 hours (standard mode) 5,000 hours (Eco mode)
	Expected Filter Life**	Approximately 4,000 hours
	Speaker Output	10W
	Acoustic Noise Level	34 dB (28 dB in Eco mode)
	Keystone	H and V: +/- 5º
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA (compressed), MAC16"
	H-Sync	31.5 kHz - 106 kHz
	V-Sync	56 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, computer signal TMDS clock 27 MHz - 150 MHz
Connectors	**Digital Input**	HDMI x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	S-Video	Mini DIN 4-pin x 1
	Composite Video	RCA jack x 1
	Component Video	15-pin D-sub x 2, (shared with analog computer 1/2)
	Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1, MIC-in 3.5 mm stereo mini jack x 1
	Audio Output	RCA jack (L/R) x 1
	Network LAN Wired	RJ-45 port / 100-base-T
	Network LAN Wireless	IEEE802.11 b/g/n - optional wireless adapter required
	USB	Type A x 1 (PC-less presentation or TB-1 tablet) Type B x 1 (interactivity or mouse control or PC screen display)
	Control Terminals	9-pin mini D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC90-132V / AC198-264V, 50/60Hz
	Power Consumption	310W
	Operating Temperature	40ºF - 95ºF (5ºC - 35ºC)
	Dimensions (W x D x H)	13.6" x 11.9" x 4.0"
	Weight	9.3 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B Class A
	Warranty	3 year limited parts and labor

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