CP-WU8440 LCD Projector

Convenient and easy to use installation projector with advanced technology and 4,200 ANSI lumens brightness in a low profile design.

Installation Series

Key Features

- WUXGA 1920 x 1200 resolution
- 4,200 ANSI lumens white/color output
- 16 watt audio output
- 3000:1 contrast ratio
- HDMI 2 inputs
- 15,000 hours hybrid filter*
- 4,000 hours lamp life (Eco mode)**
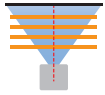- Power saving standby mode less than .05W

Hitachi's installation-friendly CP-WU8440 LCD projector is designed to provide maximum presentation impact in mid to large venue applications. It offers a versatile array of innovative, performance-enhancing features along with advanced video display technology providing bold, brilliant colors with incredible image clarity and uniformity. Plus, with motorized zoom, focus and superior lens shift, and a variety of lens options, the CP-WU8440 is at the top of its class when it comes to installation flexibility. All this, and with a lower cost of ownership. For added peace of mind, Hitachi's CP-WU8440 is also backed by a generous warranty and our world-class service and support programs.

CP-WU8440

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3LCD

UNIQUE FEATURES

Center Lens Design
This feature makes it easy to align the projector with the center of the screen for faster and trouble-free setup.

DICOM® Simulation Mode
Images in DICOM (Digital Imaging and Communications in Medicine) Mode are reproduced with an advanced grayscale level. This mode is ideal for viewing grayscale medical images such as X-rays, and for training and educational purposes.

These projectors are not approved medical devices. They should not be used for actual medical diagnosis.

Multiple Lens Options
In addition to the one ML703 middle throw standard lens, four optional lenses are available: FL701 fixed; SL702 short throw; LL704 long throw; and UL705 ultra-long throw.

Motorized Zoom, Focus and Lens Shift Control
Allows for greater range of installation possibilities. With the motorized function you can make fine adjustments through the remote control or RS232/IP device.

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.

Picture By Picture
Enables the content from two input sources to be displayed simultaneously, side by side on one screen. You can use any two sources including 2 HDMI, with both images sharing equal screen size. The feature is ideal for teleconferencing applications.

STANDARD FEATURES

Installation Series

MyButton
Four customizable buttons on the remote control allow users to create a shortcut for projector functions such as Information, Auto Keystone, Picture Mode etc.

Network Control, Maintenance and Security
Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

PC-Less Presentation
By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow function.

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.

PJMessenger
PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

Present Content via LAN
Hitachi's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

Serial Number and Media Access Control Label
A label is affixed to side of 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 users and auditors for instant accessibility.

Serial #

Template Function
Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

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.

Wireless Presentation Ready
You can use a wireless network by connecting the projector to a computer using the optional USB wireless adapter part number USBWL11N. The adapter supports IEEE802.11b/g and the latest 11n.

* 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.

CP-WU8440 LCD Projector

Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi's CP-WU8440 LCD projector is the perfect solution. With 4,200 ANSI lumens brightness and WUXGA 1920 x 1200 resolution, the CP-WU8440 will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi's leading-edge technology, the CP-WU8440 features high contrast ratio, long lamp life, picture by picture so you can project two images on one screen at the same time, a variety of lens options to accommodate

your specific application, and is wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and e-mail alerts). Even with the array of advanced features, Hitachi's CP-WU8440 is designed for user-friendly operation and installation convenience.
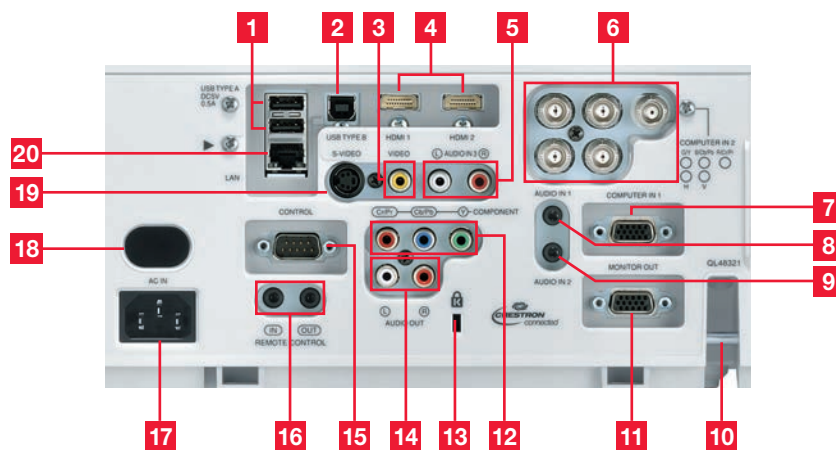
Front 3/4 View

Installation Series

Top View

Side Profile

Rear View

Input/Outputs

1.	USB Type A	8.	Audio in 1	15.	Control (RS-232C)
2.	USB Type B	9.	Audio in 2	16.	Remote Control
3.	Composite Video	10.	Security Bar	17.	AC Inlet
4.	HDMI x 2	11.	Monitor Out	18.	Remote Sensor
5.	Audio in 3	12.	Component	19.	S-Video
6.	Computer in 2	13.	Kensington Lock	20.	LAN
7.	Computer in 1	14.	Audio Out		

3LCD Technology

CC Closed Captioning

Crestron Integrated Partner

AMX Device Discovery

Hitachi Trade-Up Program

3 YEAR WARRANTY 3 Year Warranty

HDMI HDMI

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HITACHI
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Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, one standard ML703 lens, lens cover, user's manual, security label, application CD, adapter cover
Optional Accessories	USBWL11N USB wireless adapter, MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher
Optional Lenses	4 optional lenses are available: FL701, SL702, LL704, UL705

Replacement Parts

Lamp	DT01281
Remote Control	HL02801
Filter	MU06642

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	24	38	76
60	48	76	151
80	64	101	202
100	80	127	252
150	120	190	377
200	160	253	503
250	200	316	628
300	240	379	754

Throw Ratio: 1.5 - 3.0 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens ML703.

Projection Lens Chart

Lens	Inches	Meters
ML703	127 - 252	3.2 - 6.4
FL701	69	1.8
SL702	100 - 151	2.5 - 3.8
LL704	240 - 407	6.1 - 10.3
UL705	407 - 691	10.3 - 17.6

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 100" diagonal screen.

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WUXGA - 1920 x 1200
	White Light Output	4,200 ANSI lumens
	Color Light Output	4,200 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10 and 4:3 / 16:9 compatible
	Contrast Ratio	3000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	1.5 - 3.0 : 1 (with standard lens)
Lens & Operation	**Lens**	F = 1.6 - 2.9, f = 24 - 48 mm x 2.0 motorized zoom, focus & lens shift
	Lamp Wattage	245W
	Expected Lamp Life*	Approximately 2,500 hours (standard mode) 4,000 hours (Eco mode)
	Expected Filter Life**	Approximately 15,000 hours
	Speaker Output	16W (8W x 2 stereo)
	Acoustic Noise Level	35 dB (29 dB in Eco mode)
	Keystone	H: +/- 15º and V: +/- 35º (with standard lens)
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA,SXGA, SXGA+, WXGA+, UXGA, WSXGA+, WUXGA, MAC 16"
	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 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	BNC x 5
	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	RCA jack x 3, 15-pin mini D-sub x 1 (shared with computer in 1), BNC x 3 (shared with computer in 2)
	Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	Audio Output	RCA jack (L/R) x 1
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	USB	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	375W
	Operating Temperature	32ºF - 104ºF (0ºC - 40ºC)
	Dimensions (W x D x H)	19.6" x 15.6" x 5.3" (without lens)
	Weight	Approximately 19.2 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class A
	Warranty	3 year limited parts and labor Extended Service Contract available (additional cost)

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