CP-WU8450

INNOVATE
The Future of Projection



WUXGA INSTALLATION LCD PROJECTOR

Our new CP-WU8450 projector is geared up for simple and user-friendly functionality in any environment. With a convenient motorised lens shift, and a 360° vertical tilt angle, images can be seamlessly adjusted and moved at the touch of a button. Plus, with a wide range of optional lenses, the CP-WU8450 can adapt to any environment, from conference rooms and lecture theatres, to museums or anywhere requiring a creative solution.

Performance

- WUXGA resolution (1920 x 1200)
- Light Output (Brightness): 5000 ANSI Lumens (Normal Mode)
- 3000:1 Contrast ratio (Presentation Mode)
- Full connectivity including 2 x HDMI
- Input Source Naming
- Wide range of optional lenses
- PC-Less presentation
- 2 x 8W speakers
- Motorised zoom
- Motorised lens shift
- Central lens position
- 2x standard zoom lens
- 360° Vertical Tilt Angle
- Status Monitor: Notifications of projector status
- Instant stacking for enhanced brightness levels

†Wireless is optional on this model
(USB wireless adaptor sold separately)

Cost of ownership

- Long life lamp - lasts up to 3000 hours in Eco Mode
- High performance filter - lasts up to 20,000 hours in Eco Mode
- No additional filter cleaning costs
- Easy set up and installation
- Power saving mode
- Virtually maintenance free

Advanced Network Features

- Full connectivity including 1 x RJ-45
- Optional wireless networking†
- Configure and control projector via network with a web browser
- Crestron RoomView®
- Projector management via SNMP
- Messenger function
- AMX Device Discovery
- PJ Link™
- Network Bridge

Environment

- The extended Hybrid Filter life means reduced electronic waste and reduced maintenance visits, resulting in an overall reduction in carbon footprint
- Reduced power consumption - less than 0.35W in Standby Mode

Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.

Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.

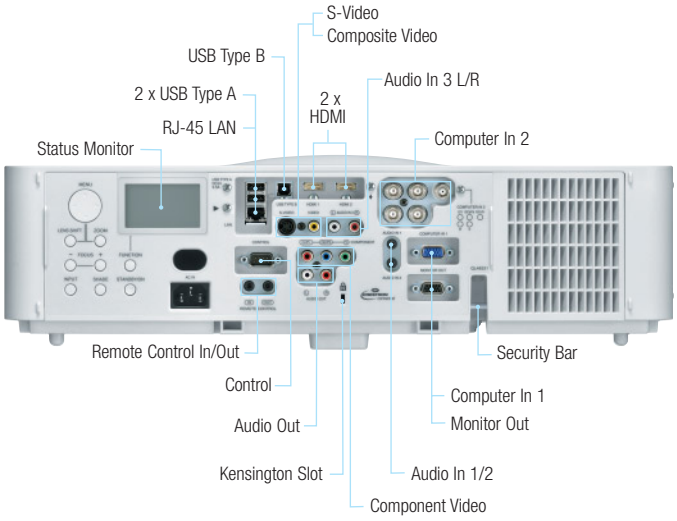
3LCD HYBRID FILTER HDMI LAN WLAN CRESTRON AMX DEVICE DISCOVERY

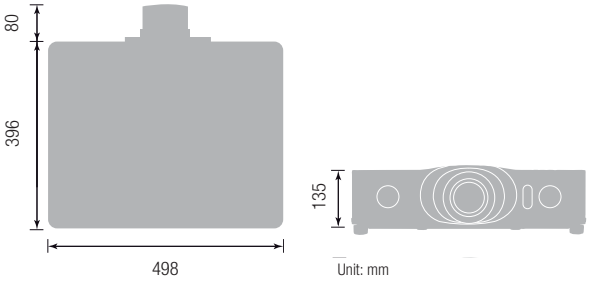
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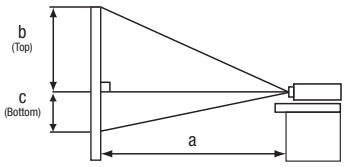
HITACHI
Inspire the Next

CP-WU8450 Technical specifications









a: Projection Distance
b: Lens centre to the higher edge of the screen
c: Lens centre to the lower edge of the screen

Image Size 16:10 - Standard Lens: ML-703				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	Wide (m)	Tele (m)	b (top)	c (bottom)
30" (0.8m)	1.0	1.9	45	-4
40" (1.0m)	1.3	2.6	60	-6
50" (1.3m)	1.6	3.2	75	-7
60" (1.5m)	1.9	3.8	90	-9
70" (1.8m)	2.3	4.5	105	-10
80" (2.0m)	2.6	5.1	120	-12
90" (2.3m)	2.9	5.8	135	-13
100" (2.5m)	3.2	6.4	150	-15
150" (3.8m)	4.8	9.6	224	-22
200" (5.1m)	6.4	12.8	299	-30
250" (6.4m)	8.0	16.0	374	-37
300" (7.6m)	9.6	19.1	449	-45
500" (12.7m)	16.1	31.9	748	-75
600" (15.2m)	19.3	38.3	897	-90

OPTICAL

LCD panel	0.76" (1.9cm) P-Si TFT x3
Resolution	WUXGA (1920 x 1200)
Light output (Brightness)	5000 ANSI Lumens (Normal Mode)/4000 ANSI Lumens (Eco Mode)
Colour light output (Brightness)	5000 ANSI Lumens (Normal Mode)/4000 ANSI Lumens (Eco Mode)
Contrast ratio	3000:1 (Presentation Mode)
Lens	Powered Zoom x 2.0, Powered Focus
Lamp Wattage	330W UHP
Lamp life	2500 Hours (Normal Mode)/3000 Hours (Eco Mode)*
Distance to width ratio (:1)	1.5 (Wide), 3.0 (Tele)
Diagonal display size	30"~600" (76cm~1,524cm)
Number of colours	8 Bit/colour, 16.7M colours
Keystone	Vertical 10:-1 shift, Normal at + 14.6°~7.4° projection angle

COMPATIBILITY

Computer compatibility	VGA, SVGA, XGA, WXGA, WXGA+, WUXGA, SXGA, SXGA+, UXGA, MAC 16"
Composite/S-Video	NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43
Component Video/HDMI	525i(480i), 525p(480p), 625i(576i), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)

FEATURES

Speakers	2 x 8W (stereo)
Basic functions	Freeze, Magnifying, Blank, Auto adjustment, Search
Picture adjustments	Equalising digital gamma correction, 2-3 Pull Down for NTSC, progressive scan, noise reduction, Mirror Reverse Image, Up-side Down Image, Equalising colour temperature adjustment, Frame lock, Perfect Fit
Digital keystone	Auto Vertical Keystone correction ±35°
Advanced features	Audio pass through, Audio ports assign, Auto Eco Mode, Closed caption (NTSC & 480i), Filter timer, Lens memory, My Button, My Memory, My Text, MyScreen, PC-less presentation, Picture modes (normal, cinema, dynamic, blackboard, greenboard, whiteboard, daytime, DICOM simulation), Resolution setting, Source naming (English), Template, Instant Stack
Outward	Easy lamp replace from side, Easy filter replace from side
Power on & off	Direct power on, Auto power off
Security systems	PIN Security Lock, MyScreen Password Lock, Transition Detector, My Text Password Lock, Key Lock (keypad, remote control), Lens Lock, Security bar
Network	AMX Device Discovery, Command control via the network, Configuring and controlling the projector via a web browser, Controlling the projector via scheduling, Crestron RoomView® (not accessible through the wireless adaptor), Displaying text data with audio alarm transferred via network, Failure and warning alerts via email, My Image (still image transfer) Display, Network Bridge, Network Presentation (PC still/moving picture transfer), PJLink™, Projector management via SNMP
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkey, Arabian, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil), Indonesian, Vietnamese

CONNECTIONS

Digital input	2 x HDMI (HDCP Compliant)
Computer input	1 x 15-pin Mini D-sub, 1 x BNC
Monitor output	1 x 15-pin Mini D-sub
Video input	1 x S-Video, 1 x RCA Composite Video, 3 x RCA Component Video
Audio input	2 x Stereo Mini Jack, 2 x RCA Jack(L/R)
Audio output	2 x RCA Jack (L/R)
Control	1 x 9-pin D-sub for RS232 control
USB	2 x USB type A (PC-less presentation or optional wireless adaptor) 1 x USB type B (USB mouse control or USB display)
Wired remote control	Input: 1 x Stereo Mini Jack, Output: 1 x Stereo Mini Jack
Wired network	1 x RJ-45 (10BASE-T/100BASE-TX)
Wireless network	IEEE802.11b/g/n (Optional USB wireless adaptor is required)

POWER

Power supply	AC100-120V/AC220-240V
Power consumption/Standby	455W/<0.35W (AC220-240V)

PHYSICAL

Dimensions (W x H x D)	498 x 135 x 396mm (excluding feet and extrusions)
Weight	Approximately 8.7Kg
Noise level	37dB (Normal)/31dB (Eco)
Air filter	Hybrid (up to 20,000 hours)

MISCELLANEOUS

LED lamps (power, lamp, temperature, security, filter, shade), Serial number label on side

CERTIFICATION

UL 60950-1/cUL, FCC Part15 subpart B class A, CE Marking EN61000-3-2, EN61000-3-3, EN55022 class A, EN55024 (EMC directive), EN60950-1 (Low voltage directive), WEEE/RoHS/ErP (lot6) compliant, c-tick class A GOST-R

ACCESSORIES SUPPLIED

Remote control with batteries (HL02801), RGB cable, power cord, lens cover, security label, user manual (detail & concise), Application CD, Adaptor cover

OPTIONAL ACCESSORIES

Replacement lamp	DT01291
Filter set	MU06642
USB wireless adaptor	USB-WL-11N
Optional lenses	FL-701 - Motorized (focus only) - Fixed lens, Zoom x 1 SL-702 - Motorized - Short Throw Lens, Zoom x 1.5 LL-704 - Motorized - Long throw lens, Zoom x 1.7 UL-705 - Motorized - Ultra long throw lens, Zoom x 1.7

WARRANTY

Projector/Lamp	3 Years/6 Months**

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*The stated lamp 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 should achieve this figure. **A free replacement lamp will be issued if the original lamp fails within 6 months from the date of purchase. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. 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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