

Easy to use installation projector with advanced features, 6,000 ANSI lumens brightness and WUXGA 1920 x 1200 resolution in a low profile design.



## Key Features

- WUXGA 1920 x 1200 resolution
- 6,000 ANSI lumens white/color output
- HDBaseT and HDMI x 2 inputs
- 16 watt audio output
- 5000:1 contrast ratio
- 20,000 hours hybrid filter\*
- HDCR/Accentualizer
- Picture by Picture and Picture in Picture
- Wide range of lens options

Hitachi's installation-friendly CP-WU8461 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-WU8461 is at the top of its class when it comes to installation flexibility. With a tough magnesium die cast body, the CP-WU8461 is one of the most durable projectors available today. All this, and with a lower cost of ownership. For added peace of mind, Hitachi's CP-WU8461 is also backed by a generous warranty and our world-class service and support programs.

# CP-WU8461

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## Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Hitachi's CP-WU8461 LCD projector is the perfect solution. With 6,000 ANSI lumens brightness and WUXGA 1920 x 1200 resolution, the CP-WU8461 will deliver dynamic images guaranteed to dazzle any audience. Incorporating Hitachi's leading-edge technology, the CP-WU8461 features Hitachi's Accentalizer for advanced image processing, long lamp life, a variety of lens options to accommodate your specific application, and is



wireless presentation compatible. 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-WU8461 is designed for user-friendly operation and installation convenience.

## UNIQUE FEATURES

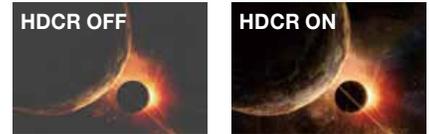
### Accentalizer

Hitachi original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



### HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.



### DICOM® Simulation Mode

The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have a DICOM (Digital Imaging and Communications in Medicine) Simulation Mode. This mode simulates the DICOM standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM standard, and neither the projector nor the DICOM Simulation Mode should be used for medical diagnosis. Comparison photos are simulations.



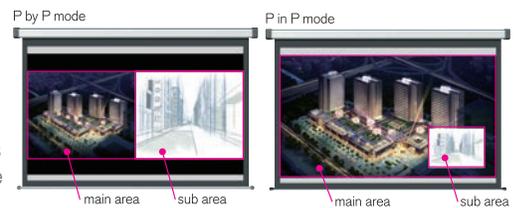
### Multiple Lens Options

Projectors achieve a brightness of the highest class in the industry by adopting a short arc length lamp with a small F-number lens. There are a variety of lenses to use for this projector, all providing specified projector brightness! 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.



### Picture by Picture and Picture in Picture

Images from two input signals at the same time. Picture by Picture (P by P) enables you to compare two images side by side. Picture in Picture (P in P) enables you to display one image within another image. These functions are handy when you need to compare two sets of data or other material.



### 360° Rotation

Display rotation of 360° for creative applications and greater installation flexibility.



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## STANDARD 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.

**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:** Enables the user to adjust individual corners independent of one another. This feature helps correct geometric and complicated distortions. Perfect Fit allows the projected image to fit correctly to the screen quickly and easily.

**Projector Quick Connection App For Mobile Devices:** Our iOS and Android applications offers projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL11N wireless adapter.

**Status Monitor:** With Hitachi's status monitor, you'll have access in real time to projector diagnostics. Status updates include configuration information, maintenance history, as well as error and alarm messaging.

**Wired and Wireless Switcher Solutions:** Multifunctional switcher operates in conjunction with the receiver to provide expanded source selection and switching options for connected devices. The switcher is sold as an optional accessory that can provide 1080p 30 fps wireless via WHDI for both video and audio.

**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.

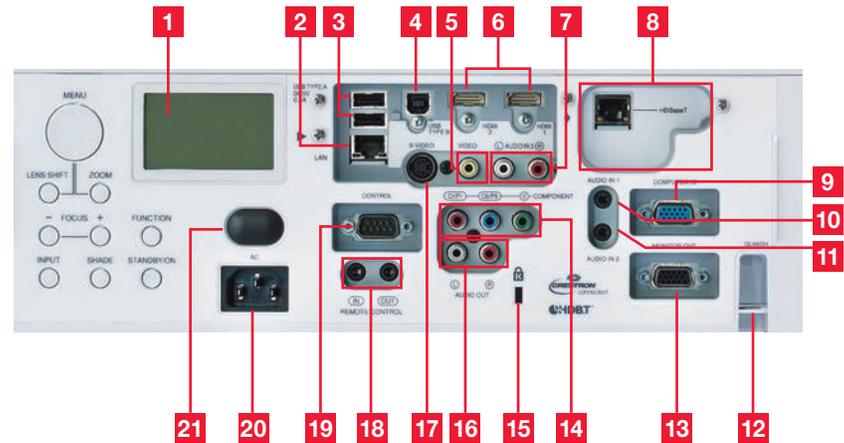
**PC-Less Presentation:** By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. Additionally there is also a slideshow function.

**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.

**Wireless Presentation Compatible:** Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and the latest 11n.



## Input/Outputs



- |                    |                  |                       |
|--------------------|------------------|-----------------------|
| 1. Status Monitor  | 8. HDBaseT       | 15. Kensington Lock   |
| 2. LAN             | 9. Computer in 1 | 16. Audio Out         |
| 3. USB Type A      | 10. Audio in 1   | 17. S-Video           |
| 4. USB Type B      | 11. Audio in 2   | 18. Remote Control    |
| 5. Composite Video | 12. Security Bar | 19. Control (RS-232C) |
| 6. HDMI x 2        | 13. Monitor Out  | 20. AC Inlet          |
| 7. Audio in 3      | 14. Component    | 21. Remote Sensor     |

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## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, AA batteries x 2, adapter cover, security label, manual CD, user's manual, application CD
<b>Optional Accessories</b>	USBWL11N USB wireless adapter, MS-1 wired multifunction switcher, MS-1WL wireless multifunction switcher
<b>Optional Lenses</b>	4 optional lenses are available: FL701, SL702, LL704, UL705
<b>Replacement Parts</b>	
<b>Lamp</b>	DT01471
<b>Remote Control</b>	HL02801
<b>Filter</b>	UX38242

## Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	38	76
80	68	101	202
100	85	127	252
150	127	190	377
200	170	253	503
250	212	316	628
300	254	379	754
600	509	758	1507

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
<b>ML703</b>	127 - 252	3.2 - 6.4
<b>FL701</b>	69	1.8
<b>SL702</b>	100 - 151	2.5 - 3.8
<b>LL704</b>	240 - 407	6.1 - 10.3
<b>UL705</b>	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

<b>Display</b>	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	WUXGA - 1920 x 1200
	<b>White Light Output</b>	6,000 ANSI lumens
	<b>Color Light Output</b>	6,000 ANSI lumens
	<b>Colors</b>	16.7 million colors
<b>Lens &amp; Operation</b>	<b>Aspect Ratio</b>	Native 16:10 and 4:3 / 16:9 compatible
	<b>Contrast Ratio</b>	5000 : 1 (using active IRIS)
	<b>Throw Ratio (distance : width)</b>	1.5 - 3.0 : 1 (with standard lens)
	<b>Lens</b>	F = 1.6 - 2.9, f = 24 - 48 mm x 2.0 motorized zoom, focus & lens shift
	<b>Lamp Wattage</b>	365W
<b>Compatibility</b>	<b>Expected Lamp Life*</b>	Approximately 2,000 hours (standard mode) 2,500 hours (Eco mode)
	<b>Expected Filter Life**</b>	Approximately 20,000 hours
	<b>Speaker Output</b>	16W (8W x 2 stereo)
	<b>Keystone</b>	H: +/- 7.5° and V: +/- 35°
	<b>Computer</b>	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, WSXGA+, UXGA, WUXGA, MAC16"
<b>Connectors</b>	<b>H-Sync</b>	15 kHz - 106 kHz
	<b>V-Sync</b>	50 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
	<b>Digital Input</b>	HDMI x 2 (HDCP compliant), HDBaseT x 1
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1
	<b>Video Input</b>	
	<b>S-Video</b>	Mini DIN 4-pin x 1
<b>Ratings &amp; Warranty</b>	<b>Composite Video</b>	RCA jack x 1
	<b>Component Video</b>	RCA jack x 3, 15-pin mini D-sub (shared with computer in 1)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	RCA jack (L/R) x 1
	<b>Network LAN Wired</b>	RJ45 jack x 1
	<b>Network LAN Wireless</b>	USB wireless adapter (Optional)
	<b>HDBaseT</b>	RJ45 jack x 1
	<b>USB</b>	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC100-120V / AC220-240V, 50/60Hz
<b>Power Consumption</b>	550W	
<b>Operating Temperature</b>	32°F - 113°F (0°C - 45°C)	
<b>Dimensions (W x D x H)</b>	19.6" x 15.6" x 5.3" (without lens)	
<b>Weight</b>	Approximately 20.3 lbs	
<b>Approvals</b>	UL 60950-1 / cUL FCC Part 15 subpart B class A	
<b>Warranty</b>	3 year limited parts and labor Extended Service Contract available (additional cost)	

\* 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.

\*\* 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.

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