

Key Features

- WUXGA 1920 x 1200
- 3,500 ANSI Lumens Brightness
- High Lumen Density (HLD) LED
- 30,000:1 Contrast Ratio
- 20,000 Hour Long Life Light Source
- High Performance 1.7 zoom lens
- Multiple Digital Inputs: HDBase™, HDMI x 2, and MHL™
- 360° Installation
- Quiet Operation (min. 21 dB)
- Suitable for Heavy Usage, Digital Signage and 24/7 Applications
- Supports Crestron Roomview, AMX and is Extron XTP Certified
- 5 years or 20,000 hr. warranty



Innovative Single-Chip DLP® Projector with LED Technology Delivers Bright, Sharp Images, with Long Running Time and Low Maintenance.

Hitachi's first in class LP-WU3500 LED light source projector is the new result of the company's extensive technical knowledge and experience, delivering bright, sharp images, with long running time and low maintenance. With long life LED and no mercury lamp, the LP-WU3500 is both eco-friendly and sustainable. Utilizing its innovative HLD technology, Hitachi is able to achieve new levels of brightness, producing 3,500 ANSI lumens with long lasting, high picture quality. The LP-WU3500 features a dust resistant structure to the optical engine which prevents dust being able to interfere with interior parts, providing you with approximately 20,000 hours maintenance free operation and allows the projector to be used in a wide range of environments. The quiet operation and long life light source of the LP-WU3500 makes it a perfect choice for heavy use such as digital signage and 24/7 operation.



UNIQUE FEATURES

Dust Resistant Sealed Engine

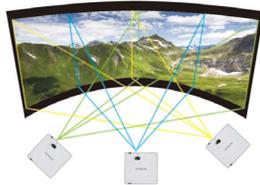


The air tight structure of the optical engine makes it possible to minimize dust particles entering which could eventually lead to a decrease in brightness. This construction gives the projector resistance to the effects of dust and enables the projector to be used in a wide variety of environments.

Edge Blending

Projectors are equipped with the Edge Blending function that achieves the seamless projection of one image using multiple projectors. The LP-WU3500 comes with various blending functions that meet the level users are looking for.

Instant blending: Easily perform blending processing without the use of any special equipment.



Geometric Correction (Warping)

Geometric correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.



Maintenance Free Operation



Approximately 20,000 hours of maintenance free operation. There is no need to replace a lamp or air filter, providing a dramatic reduction in the total cost of ownership and time spent changing bulbs.

360° Rotation/Portrait Projection

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



Accentualizer

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.



Color Management



Allows you to change the HUE, SATURATION, LUMINANCE of each 6 colors (red, green, blue, cyan, magenta and yellow) without influencing each other. With this new technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of blue.

UNIQUE FEATURES (cont'd)

Image Optimizer

The Image Optimizer automatically adjusts HDCR and Accentualizer to improve visibility as lamp brightness dims over time.



High Performance Lens



Featuring a powerful 1.7 x zoom lens, the projector allows for a range of installation options. Users can manually shift the lens both horizontally and vertically in order to position an image on the screen without experiencing keystone distortion.

Constant Bright Image



Constant Mode maintains fixed brightness and pictures through the use of an illumination sensor, meaning you can expect the same level of brightness even after 20,000 hours of operation.

Easy Event Scheduling

Schedule routine and special projector events, including power on, power off, input selection and other settings



Quick Start / Quick Off



The light source reaches its full brightness within 5 seconds of turning on. *Set STANDBY MODE to QUICK START

STANDARD FEATURES

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.

Picture By Picture



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

Picture In Picture



Enables you to display one image inside another image using two sources including 2 HDMI.

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.

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 11n.

LP-WU3500 DLP LED Projector

HITACHI
Inspire the Next

New technology for high reliability and stability with a lower cost of ownership.

Hitachi's innovative LP-WU3500 LED projector is truly a technology achievement with superior performance and reduced operating costs to save users time and money. Utilizing the new High Lumen Density (HLD) LED technology, the LP-WU3500 achieves new levels of brightness with an expected 20,000 hours maintenance free operation.



HLD works by channeling blue LED light into a phosphor rod, where it is discharged as a bright green light. Working in tandem with high brightness red and blue LED lights, it achieves an impressive 3,500 lumens and a 30,000:1 contrast ratio.

LED technology allows the projector to have a much longer life than traditional lamp based projectors, additionally, with no lamp or filter to replace LED projectors are a much more reliable and cost-effective choice with a lower total cost of ownership.



Front View



Rear View



Top View



Ceiling Mount

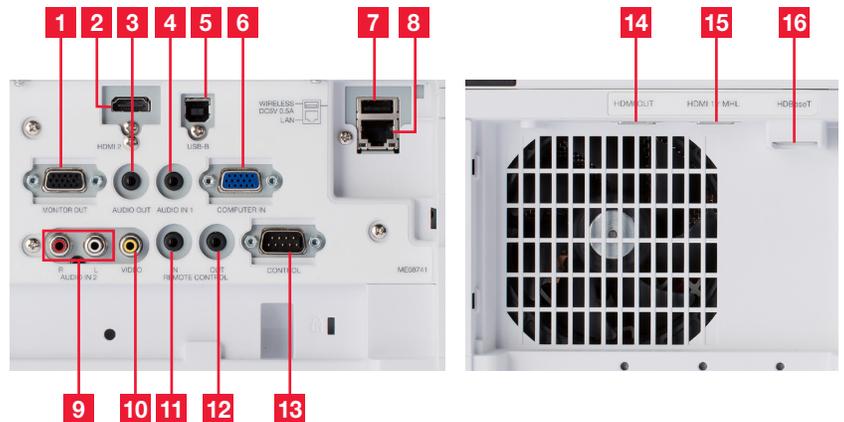


Side Right



Side Left (uncovered)

Input/Outputs



- | | | |
|----------------|-------------------------|------------------------|
| 1. Monitor Out | 6. Computer In | 12. Remote Control Out |
| 2. HDMI 2 | 7. USB A (For Wireless) | 13. Control (RS-232C) |
| 3. Audio Out | 8. LAN | 14. HDMI Out |
| 4. Audio In | 9. Audio In 2 L/R | 15. HDMI / MHL |
| 5. USB Type B | 10. Video | 16. HDBaseT |
| | 11. Remote Control In | |

HI0516-11/16
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LP-WU3500



Accessories and Lenses

Supplied Accessories	Remote control, power cord, AA batteries x 2, computer cable, lens cover, adapter cover, terminal cover A/B, application CD, user's manual, user's manual CD, security label, cable tie x 5, HDMI cable holder, HDMI cap x 2, HDBaseT cap
Optional Accessories	USBWL11N (USB wireless adapter) HAS-9110 (Bracket for fixing mount) HAS-104S (Slim adapter for fixing mount) HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount) HL03131 (Wired remote control)
Optional Lenses	N/A
Replacement Parts	
Remote Control	HL03037

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	33	57
60	51	67	117
80	68	91	156
100	85	114	196
200	170	230	394
300	254	345	593

Throw Ratio: 1.3 - 2.3 : 1 (distance : width)
Screen size and throw distance are measured in inches.

Specifications

Display	Projection Technology	Single Chip DLP
	Resolution	WUXGA - 1920 x 1200
	Brightness	3,500 ANSI lumens
	Colors	1.07 billion colors (frame lock on)
	Aspect Ratio	Native 16:10 and 4:3 / 14:9 / 16:9 zoom compatible
	Contrast Ratio	30,000:1
Operation	Throw Ratio (distance : width)	1.3 - 2.3 : 1
	Focus Distance	33" - 593"
	Display Size	30" - 300"
	Lens	Manual zoom x1.7, manual focus & lens shift
Compatibility	Expected Light Source Life*	Approximately 20,000 hours
	Speaker Output	16W
	Keystone	H and V: +/-30°
Connectors	Computer	VGA/SVGA/XGA/WXGA/SXGA/SXGA+/WSXGA+/HD/WUXGA/MAC 16"
	H-Sync	15.0 kHz - 106 kHz
	V-Sync	50 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 720p@50/60, 1080i@50/60, 1080p@50/60
	HDMI	480i, 480p, 576i, 576p, 720p@50/60, 1080i@50/60, 1080p@24/50/60 Computer signal TMDS clock 25 MHz - 162 MHz
	MHL	480i, 480p, 576i, 576p, 720p@50/60, 1080i@50/60, 1080p@24/25/50/60 Computer signal TMDS clock 25 MHz - 75 MHz
	Digital Input	MHL x 1 (shared with HDMI), HDMI x 2 (one port is shared with MHL), HDBaseT x 1
	Digital Output	HDMI
	Computer Input	15-pin mini D-sub x 1
Ratings & Warranty	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 1 (shared with computer input)
	Audio Input	3.5 mm stereo mini jack x 1, 2RCA jack (L/R) x 1
	Audio Output	3.5 mm stereo mini jack 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
	HDBaseT	RJ-45 jack x 1
	USB	Type A x 1 (wireless adapter), Type B x 1 (mouse control)
Control Terminals	9-pin D-sub x 1 (RS-232 control)	
Remote Control IN	3.5 mm stereo mini jack x 1	
Remote Control OUT	3.5 mm stereo mini jack x 1	
Power Supply	AC 100V - 120V (50/60Hz) , 5.6A AC 220V - 240V (50/60Hz) , 2.9A	
Power Consumption	AC 100V - 120V : 560W / AC 220V - 240V : 550W	
Operating Temperature	32°F - 104°F (0°C - 40°C)	
Dimensions (W x D x H)	18.6" x 17.9" x 5.2" (excluding protruding parts)	
Weight	Approximately 32.0 lbs.	
Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class A	
Warranty	5 years or 20,000 hr. limited parts and labor**	

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

** Territories: USA and CANADA



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