LP-WU9750B DLP Laser Projector

HITACHI
Inspire the Next

Key Features

- WUXGA 1920 x 1200
- 8,000 ANSI Lumens Brightness
- Laser Phosphor Light Source
- Edge Blending & Warping
- Portrait Projection
- 360° Installation
- Motorized Zoom, Focus and Lens Shift
- Suitable for Heavy Usage, Digital Signage and 24/7 Applications
- Maintenance Free!
- Five Digital Inputs: HDBaseT, HDMI x 2, DVI-D x 1, 3G SDI x 1
- Wide Range of Lens Options - Compatible with Hitachi's 9000 Series Lenses
- Supports Web Control, PJLink, Crestron Roomview, and AMX

Hitachi's first 8,000 ANSI lumens, 1-chip DLP® laser light source projector delivering larger-than-life performance.

Hitachi is excited to announce our first solid state light source LP-WU9750B 8,000 lumen 1-chip DLP laser light source projector. The new laser diode light source offers approximately 20,000 hours of operation time and is maintenance free, there is no lamp or filter to replace providing a dramatic reduction in total cost of ownership. It can provide 24/7 use for digital signage applications and is a perfect choice for large auditoriums, conference rooms, museums, and concert or stage productions. Plus, 8,000 ANSI lumens brightness and 20000:1 contrast ratio results in a super bright display with outstanding image clarity and uniformity. Always on the cutting-edge of technology, Hitachi's LP-WU9750B is an HDBaseT™-enabled projector which delivers whole-home and commercial distribution of uncompressed HD multimedia content over a single CAT5e/6 cable. HDBaseT is unique in its ability to provide professional installers with a much simpler and more cost-effective way to transmit uncompressed HD video up to 328 ft. No matter how large the application environment, the LP-WU9750B delivers larger-than-life performance. For added peace of mind, Hitachi's LP-WU9750B is also backed by a generous warranty and our world-class service and support programs.

1.800.HITACHI
dmd.info@hal.hitachi.com
hitachi-america.us/projectors

DLP TEXAS INSTRUMENTS

HDBT™

YouTube

LP-WU9750B DLP Laser Projector

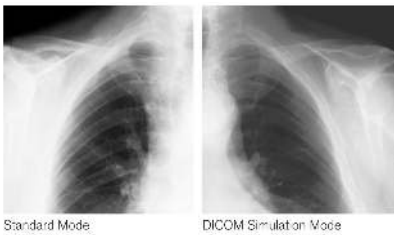
HITACHI
Inspire the Next

UNIQUE FEATURES

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.



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.

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.

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.

New Phosphor Wheel

A new heat-resistant material is used in the phosphor wheel to withstand the high output from the laser light source.

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.

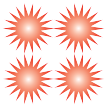
Picture By Picture

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.

Quad Laser Bank System



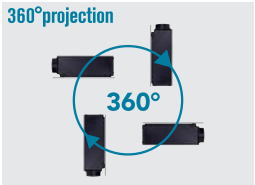
Quad-Drive Optical engine comprises four module grouping laser diodes into independent light sources. The use of four separate laser modules means that in the unlikely event of one light source failing, projection continues with no perceivable drop in brightness.

Warping

Images can be geometrically corrected for Rotation, Keystone, Pincushion or Barrel and 4-Corner imperfections.

360° Rotation/Portrait Projection

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



3D system by DLP Link

A special 3D emitter is no longer needed for 3D viewing.

HI0477-Rev.5-09/17

Hitachi America, Ltd.
Toll Free: 1.800.HITACHI • Email: dmd.info@hal.hitachi.com
Web: hitachi-america.us/projectors

LP-WU9750B DLP Laser Projector

HITACHI
Inspire the Next

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

Hitachi's LP-WU9750B laser projector is truly a technology achievement with premier performance for demanding application environments including large auditoriums, conference rooms, museums and concert or stage productions. It can also provide

24/7 use for digital signage applications. An array of new technology features includes Quick Start/Quick Off, Quad Laser Bank System, Phosphor Wheel, Dust Resistant Sealed Engine, and a more efficient cooling system. As Hitachi's first 8,000 ANSI lumen, 1-chip DLP laser light source projector, combined with WUXGA 1920 x 1200 resolution, the LP-WU9750B will deliver dynamic images guaranteed to dazzle any audience. All this combined with state-of-the-art connectivity features elevates the LP-WU9750B to the forefront in projector performance, reliability and overall quality. The LP-WU9750B greatly enhances the overall viewing experience, adding an entirely new dimension and level of excitement. Hitachi is the brand name synonymous with advanced projector technology and innovation, and the LP-WU9750B lives up to that reputation.

Front View

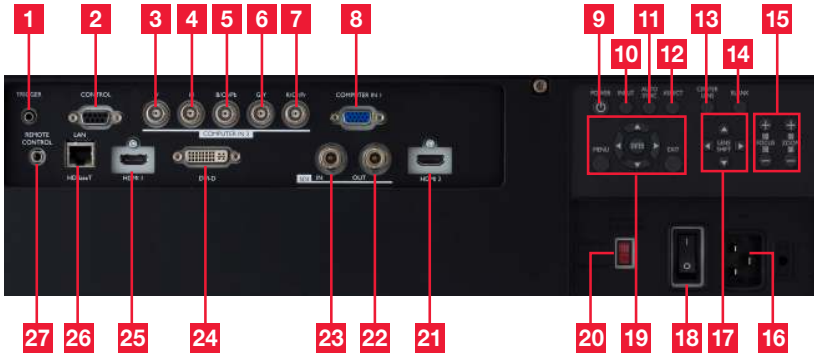
Ceiling Mount

Top View

Side Left

Side Right

Input/Outputs



1. Trigger
2. Control (RS-232C)
3. V-Sync
4. H-Sync
5. B/Cb/Pb
6. G/Y
7. R/Cr/Pr
8. Computer in 1
9. Power
10. Input
11. Auto
12. Aspect
13. Lens Centering
14. Blank
15. Zoom/Focus
16. AC In
17. Lens Shift
18. AC Switch
19. Menu Controls
20. Voltage Selector
21. HDMI2
22. SDI Out
23. SDI In
24. DVI-D
25. HDMI1
26. HDBaseT
27. Remote Control

LP-WU9750B

HI0477-Rev.5-09/17

Hitachi America, Ltd.
Toll Free: 1.800.HITACHI • Email: dmd.info@hal.hitachi.com
Web: hitachi-america.us/projectors

LP-WU9750 DLP Laser Projector

HITACHI
Inspire the Next

Accessories and Lenses

Supplied Accessories	Power cord, computer cable, remote control, AA battery x 2, RS232C cable, manual CD, application CD, user's manual, security label
Optional Lenses	7 optional lenses are available, FL-920, USL901, SL902, SD903, ML904, LL905, UL906

Replacement Parts

Remote Control	HL03141

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
1.27m (50")	1.07m (42")	2.59m (102")	3.96m (156")
2.03m (80")	1.73m (68")	4.14m (163")	6.35m (250")
2.54m (100")	2.16m (85")	5.21m (205")	7.92m (312")
3.81m (150")	3.23m (127")	7.82m (308")	11.91m (469")
5.08m (200")	4.32m (170")	10.44m (411")	15.90m (626")
6.35m (250")	5.38m (212")	13.06m (514")	19.86m (782")
7.62m (300")	6.45m (254")	15.67m (617")	23.85m (939")
8.89m (350")	7.54m (297")	18.26m (719")	27.84m (1096")
10.16m (400")	8.61m (339")	20.88m (822")	31.80m (1252")
12.70m (500")	10.77m (424")	26.11m (1028")	39.78m (1566")
15.24m (600")	12.93m (509")	31.34m (1234")	47.73m (1879")

Throw Ratio: 2.4 - 3.6 : 1 (distance : width)
Screen size and throw distance are measured in meters and inches with standard lens ML904.

Projection Lens Chart

Lens	Inches	Meters
ML904	201 - 309	5.1 - 7.9
USL901	64 - 81	1.6 - 2.0
SL902	97 - 146	2.5 - 3.7
SD903	137 - 207	3.5 - 5.3
LL905	294 - 478	7.5 - 12.1
UL905	469 - 745	11.9 - 18.9
FL920	0 - 22	0 - 0.55

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

Specifications

Display	**Projection Technology**	Single Chip DLP
	Resolution	WUXGA - 1920 x 1200
	White Light Output	8,000 ANSI lumens
	Color Light Output	8,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 16:10 and 4:3 / 16:9 compatible
	Contrast Ratio	20000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	Specifications will vary depending on which lens is used with the projector
	Focus Distance	102" - 187" (with standard lens)
	Display Size	50" - 600"
Operation	**Lens**	Specifications will vary depending on which lens is used with the projector
	Expected Light Source Life*	Approximately 20,000 hours
	Speaker Output	N/A
	Keystone	H: +/-60° and V: +/-40°
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/WSXGA+/ UXGA/WUXGA, MAC 16"
	H-Sync	15 kHz - 106 kHz
	V-Sync	50 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**	HDBaseT x 1, HDMI x 2, 3G-SDI In/Out, DVI-D x 1
	3G-SDI In	BCN connector x 1
	3G-SDI Out	BCN connector x 1
	DVI-D	DVI-D connector x 1
	HDMI	HDMI x 2
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	5 BNC connector x 1
	Network LAN Wired	RJ-45 jack x 1
	HDBaseT	RJ-45 jack x 1
	Wired Remote Control	3.5 mm stereo mini jack)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
	Trigger	3.5 mm stereo mini jack
Ratings & Warranty	**Power Supply**	AC90-138V / AC180-264V, 50/60HZ
	Power Consumption	885W / 845W
	Operating Temperature	Normal mode：0-35°C, Eco mode：0-40°C
	Dimensions (W x D x H)	500x205x580mm (without lens)
	Weight	Approximately 29kg (without lens)
	Approvals	RCM class A (AU/ NZ), UL New Zealand (AU/ NZ)
	Warranty	3 year 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 average 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.

HI0477-03/16

Hitachi Australia Pty. Ltd.
Toll Free: 1800 HITACHI • Email: dps@hitachi.com.au
Web: www.hitachi.com.au/dps