8950WSS LCD Laser Projector

DUKANE

Key Features

- 3LCD Laser Projector
- WXGA 1280 x 800
- 5,000 ANSI Lumens Brightness
- 500,000 : 1 Contrast Ratio
- 50,000 Hours Light Source Life (Long life 2 mode)
- HDMI 2 Inputs (1 shared with MHL)
- Perfect Fit 2
- High Dynamic Range (HDCR2)
- 360° Installation

Dukane expands solid state projector line with a 5,000 ANSI lumens, 3-chip LCD model delivering larger-than-life performance.

Dukane's solid state light source projector line now includes the laser light source 3LCD model 8950WSS with 5,000 ANSI lumens. The new laser phosphor light source offers approximately 20,000 hours (normal mode) of operation time and is virtually maintenance free, there is no lamp 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 auditoriums, lecture halls, large classrooms, conference rooms and museums. Plus, 5,000 ANSI lumens brightness and 500,000 : 1 contrast ratio results in super bright display with outstanding image clarity and uniformity. Additionally a suite of advanced features includes High Dynamic Contrast Range (HDCR2), 2 HDMI ports, and Dukane's original technology Accentualizer. As with all Dukane projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. For added piece of mind, Dukane's 8950WSS is also backed by a generous 5 year warranty and our world-class service and support programs.

5 YEAR warranty

DUKANE CORP.
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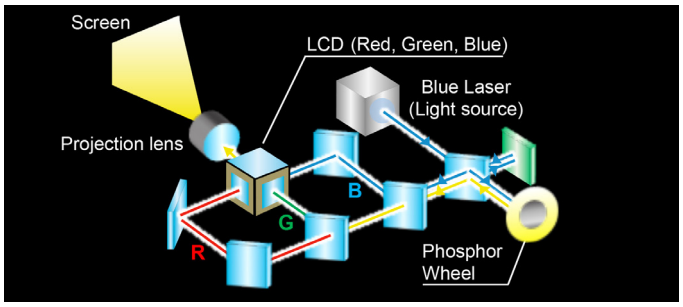
3LCD

8950WSS LCD Laser Projector

Long Life 20,000 Hours Laser Light Source

Light source combines blue laser diodes and phosphor which can achieve over 5,000 lumens. The projection image is bright and clear, with vivid colors. Since lamp replacement is unnecessary, maintenance cost is reduced and by not using mercury lamps, the projectors are eco-friendly.

Plus, Dukane's unique cooling system can achieve a low noise level of 34 dB. The life of the light source is approximately 20,000 hours at normal mode but by using other modes which reduce the brightness or operation period, its life can be extended up to 50,000 hours. These mode settings can be used for different purposes depending on the application of the projector.



UNIQUE FEATURES

Accentualizer

Dukane 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.

Aspect Zoom

Aspect Zoom makes the maximum image size on the screen while keeping the aspect of the image.

HDCR2 (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. The recent enhancement to HDCR2 achieves not only auto tone enhancement but also auto color enhancement. This results in clear and vivid images even in bright rooms.

Cloning Function

Copy setting data from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

MHL™

MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

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.

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 USBWL5G wireless adapter.

STANDARD FEATURES

Input Source Naming

Laptop
DVD Player
Document Camera

Users can name input sources in simple language instead of factory default names.

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 and video 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.

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.

Wireless Presentation Compatible

Connect the projector to a a computer or your network using the optional USB wireless adapter (part number USBWL5G). The adapter supports IEEE802.11 a/b/g/n/ac.

360° Rotation/Portrait Projection

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

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Enhance the experience with Dukane's 8950WSS.

The 8950WSS LCD Laser projector from Dukane is specifically designed to enhance the visual experience — from the audience to presenters. Vivid colors. Bold graphics. Crisp text. The 8950WSS does it all in environments of all sizes. With 5,000 ANSI lumens of brightness and WXGA 1280 x 800 resolution, the 8950WSS provides the perfect compatible solution.

It also features a high contrast ratio, long life, cloning function enabling you to copy settings data from one projector to others of the same model, 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 email alerts). Best of all, the high performance 8950WSS is exceptionally reliable and offers a very low cost of ownership.

Front View

Ceiling Mount

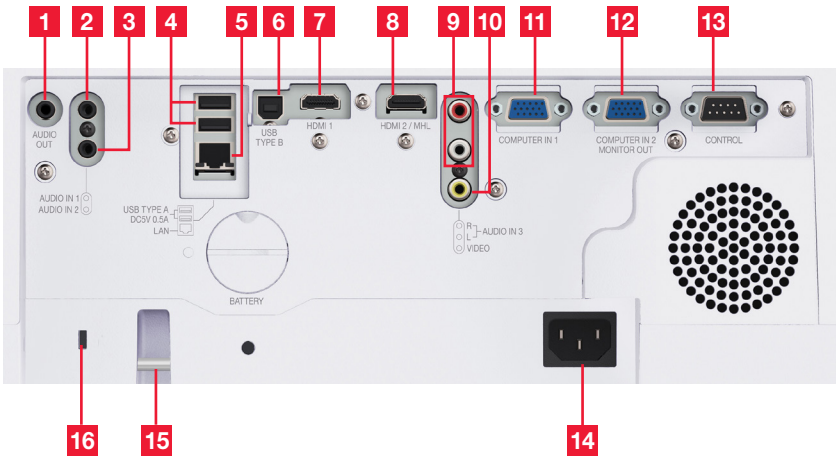
Top View

Side Left

Rear View

Side Right

Input/Outputs



1. Audio Out
2. Audio In 1
3. Audio In 2
4. USB Type A DC5V 0.5A
5. LAN
6. USB Type B
7. HDMI 1
8. HDMI 2/ MHL
9. Audio In 3 L/R
10. Video
11. Computer In 1
12. Computer In 2/ Monitor Out
13. Control (RS-232C)
14. AC Power
15. Security Bar
16. Kensington Lock

8950WSS

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Accessories and Lenses	
Supplied Accessories	Remote control, power cord, computer cable, AA batteries x 2,hook metal, adapter cover, HDMI cable holder x 2, cable tie, Ferrite core, security label
Optional Accessories	USBWL5G wireless adapter
Optional Lenses	N/A
Replacement Parts	
Lamp	Lamp free
Remote Control	HL03037
Filter	UX43171

Projection Throw Chart (In inches)

Screen Size 16:10			
Diagonal	**Width**	**Minimum**	**Miximum**
30	25	29	51
40	34	41	70
50	42	53	90
60	51	65	109
70	59	77	129
80	68	89	148
90	76	101	168
100	85	113	187
120	102	137	226
150	127	174	284
200	170	234	382
250	212	294	479
300	254	354	576

Throw Ratio: (distance : width)
1.4 - 2.3 : 1

Specifications		
Display	**Projection Technology**	3 LCD, 3 chip technology
	Resolution	WXGA 1280 x 800
	Brightness	5,000 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	500,000 : 1 (Dynamic Black on)
	Throw Ratio (distance : width)	1.4 - 2.3 : 1
	Focus Distance	29" - 576"
	Display Size	30" - 300"
Operation	**Lens**	f = 18.2 - 29.4 mm, x 1.6 manual zoom and focus
	Expected Light Source Life*	Approx. 20,000 hours (Normal), 30,000 hours (Long life 1), 50,000 hours (Long life 2)
	Expected Filter LIfe**	Approx. 20,000 hours
	Speaker Output	16W
	Keystone	H and V +/- 30°
Compatibility	**Computer**	VGA/SVGA/XGA/WXGA/SXGA/WXGA/WXGA+/WXGA++/ WSXGA+/HD/UXGA/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, 576p, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz
	MHL	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 75 MHz
Connectors	**Digital Input**	HDMI x 1, HDMI/MHL x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with Computer In 2)
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 2, RCA 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 a/b/g/n/ac - optional wireless adapter required
	USB	Type A x 2 (PC less Presentation or wireless network) Type B x 1 (USB display or USB 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	360W/350W
	Operating Temperature	32° - 104° (0°C - 40°C) under 5,250 ft. 32° - 95° (0°C - 35°C) 5,250 ft. - 10,000 ft.
	Dimensions (W x D x H)	19.9" x 16.7" x 5.3" (excluding protrusions / Shipping 22" x 19" x 9"
	Weight	Approximately 16.8 lbs. / Shipping 22 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B
	Warranty	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program
	UPC	605194006878

* 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.

** Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of expected filter life specified are not guaranteed and do not constitute part of the product warranty.

CRESTRON CERTIFIED INTEGRATED PARTNER

AMX DEVICE DISCOVERED

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5 YEAR warranty

3LCD HDMI MHL