8940WB LCD Projector

High performance LCD projector captures attention in classrooms or conference rooms with dynamic images and 4,000 ANSI lumens.





Key Features

- WXGA 1280 x 800 resolution
- 4,000 ANSI lumens brightness
- 16 watt audio output
- 20,000:1 contrast ratio
- HDMI x 2 inputs
- 12,500 hours lamp life (Eco mode)*
- 10,000 hours hybrid filter**
- HDCR2/Accentualizer
- Image Optimizer
- Perfect Fit 2

From the classroom to the conference room, Dukane's 8940WB LCD projector combines superior image clarity, high quality value, and long-life reliability. Bright, vivid colors with razor-sharp text and bold graphics will truly enhance any lesson or meeting and make it more memorable. For greater installation convenience, the 8940WB has a cloning function which enables you to copy configuration settings from one projector to others of the same model via USB memory. The 8940WB also includes our iOS application Projector Quick Connection App which offers simple control options including sending photo and document files and web site contents to the projector. Dukane's ImageCare combines optimal picture performance with maximum energy savings for a lower total cost of ownership. For added peace of mind, Dukane's 8940WB is also backed by a generous warranty and our worldclass service and support programs, plus a special 5 year or 10,000 hour lamp warranty.

5 YEAR warranty

3LCD

8940WB

DUKANE CORP.
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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.



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 configuration settings from one projector to others of the same model via USB memory. Cloning can save almost all PJ settings such as gamma and keystone via USB memory.

ImageCare Technology

ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

Image Optimizer

Image Optimizer automatically adjusts HDCR2 and Accentualizer to improve visibility as lamp brightness dims over time.

Saver Modes

Automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, this feature gives optimal picture performance with maximum energy savings.

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 application offers full 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

Users can rename input sources in more descriptive terms instead of the 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. There is also a slideshow function. This feature also supports the following file types: JPG, PNG, BMP, GIF, AVI, and MOV — frame rate is under 12fps 640 x 480.

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.

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.

Present Content via LAN

Dukane's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

Serial Number and Media Access Control Label

A label is affixed to side of projector to more easily access and read the model name, serial number and MAC address while mounted in ceiling use. This is a convenience for installers, end users and auditors for instant accessibility.

Wireless Presentation Compatible

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

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Long-life reliability with a lower total cost of ownership.

From classrooms to conference rooms, Dukane's 8940WB can make a big impact on your audience. With 4,000 ANSI lumens brightness and WXGA 1280 x 800 resolution, the 8940WB is designed to make any message more memorable with colorful images, crisp text, and powerfully clear audio. Incorporating



Dukane's leading-edge technology, the 8940WB features high contrast ratio, long lamp life, cloning function enabling you to copy configuration settings from one projector to others of the same model, 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 the array of advanced features, Dukane's 8940WB is designed for user-friendly operation and installation convenience.



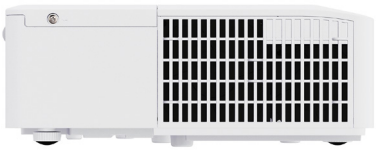
Front View



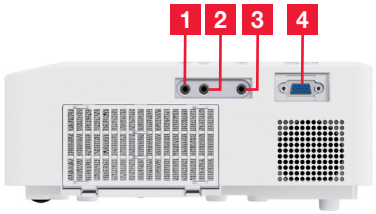
Ceiling Mount



Top View

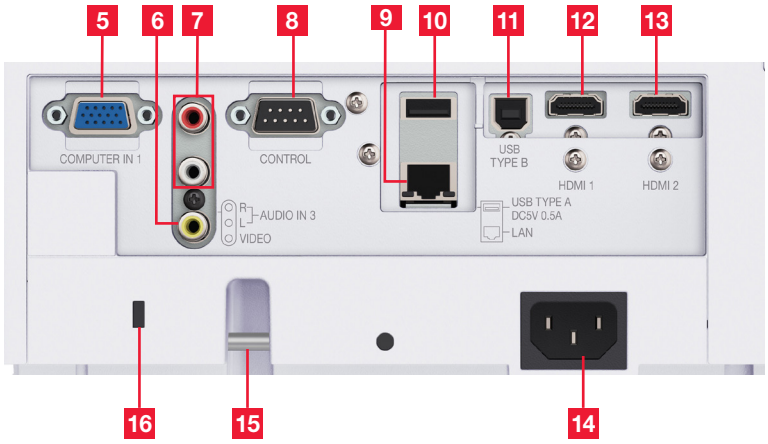


Right Profile



Left Profile

Input/Outputs



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

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DUKANE

Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, AA batteries x 2, lens cover x 1, adapter cover, security label
Optional Accessories	USBWL5G wireless adapter
Optional Lenses	NA

Replacement Parts

Lamp	456-8933B
Remote Control	HL03037
Filter	UX39561

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
30	25	35	43
60	51	73	88
80	68	99	119
100	85	124	149
200	170	251	302
300	254	378	454

Throw Ratio: 1.5 - 1.8 : 1 (distance : width)
Screen size and throw distance are measured in inches.

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WXGA - 1280 x 800
	White Light Output	4,000 ANSI lumens
	Color Light Output	4,000 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 4:3 and 16:9 / 16:10 / 14:9 / zoom compatible
	Contrast Ratio	20,000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	1.5 - 1.8 : 1
	Focus Distance	35" - 454"
	Display Size	30" - 300"
Lens & Operation	**Lens**	f = 19 - 23 mm, x 1.2 manual zoom and focus
	Lamp Wattage	230W
	Expected Lamp Life*	Approximately 6,000 hours (standard mode) 12,500 hours (eco mode)
	Expected Filter Life**	Approximately 10,000 hours
	Speaker Output	16W
	Keystone	H and V: +/- 30°
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, SXGA/SXGA+/HD/UXGA (compressed), Mac 16"
	H-Sync	15 kHz - 106 kHz
	V-Sync	56 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
Connectors	**Digital Input**	HDMI x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1 (shared with analog component video input)
	Computer Input 2	15-pin mini D-sub x 1 (shared with analog component video input and monitor out)
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with computer in 2 and analog component video input)
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1, in 2/monitor out)
	Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	Audio Output	3.5mm 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 1 (PC-less presentation or wireless adapter) Type B x 1 (Remote control mouse or PC screen display)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	320W / 310W
	Operating Temperature	32°F - 95°F (0°C - 35°C)
	Dimensions (W x D x H)	13.7" x 10.4" x 3.5" (excluding protrusions) Shipping 17.0" x 15.0" x 8.0"
	Weight	Approximately 7.9 lbs. / Shipping 15.0 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. 5 years or 10,000 hours light source.
	UPC	605194006960

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

CRESTRON CERTIFIED INTEGRATED PARTNER

AMX DEVICE DISCOVERED

5 YEAR warranty

3LCD

CC

HDMI

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