

4,500 ANSI lumens projector designed for academic achievement in larger classrooms, corporate boardrooms and campus standard.



Key Features

- WUXGA 1920 x 1200 resolution
- 4,500 ANSI lumens white/color output
- 16,000:1 contrast ratio
- 4,500 hours lamp life (Standard mode)
6,000 hours lamp life (Eco mode)*
- 10,000 hours hybrid filter**
- HDCR / Accentualizer / Image Optimizer
- Convenient Networking / Wireless Capability
- Mobile High-Definition (MHL™)
- Auto power on

The 8945WU combines WUXGA 1920 x 1200 resolution with super-bright 4,500 ANSI lumens white/color light output for a stunning visual achievement. It can transform classrooms, lecture halls, and auditoriums into true learning centers. Incorporating Dukane's leading-edge technology, the 8945WU features an image-enhancing combination of Accentualizer, High Dynamic Contrast Range (HDCR) and Image Optimizer, all of which contribute to the overall visual experience. Plus, Dukane's Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with maximum energy savings for a lower cost of ownership. For added peace of mind, Dukane's 8945WU is also backed by a generous warranty and our world-class service and support programs.

DUKANE CORP

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8945WU



UNIQUE FEATURES

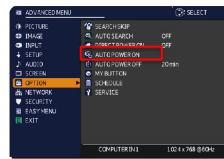
Accentualizer

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.



Auto Power On

When the projector is in standby mode and detects the video signal input from an external device, this function starts up the projector to display the image automatically on the screen. This makes the time to start up the projector and begin presenting quicker and easier.

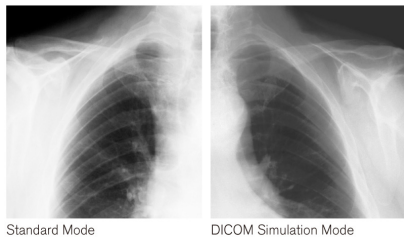


- This function is unavailable when STANDBY MODE is set to NETWORK(WOL) or SAVING.
- This function may work unintentionally by connected external device.

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.



HDCR (High Dynamic Contrast Range)

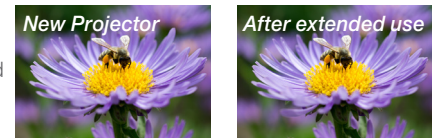
When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images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



UNIQUE FEATURES (cont'd)

Image Optimizer

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



MHL™

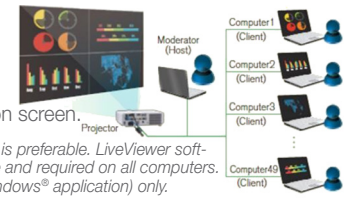
MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.



Moderator Control Mode

Using Moderator Control Mode, up to 50 computers can be connected to the projector and the moderator (host) can choose which images to display on screen.

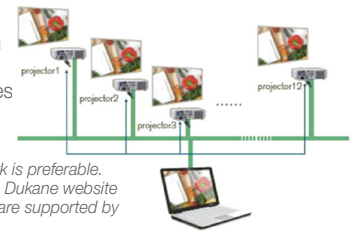
To secure better performance, a wired network is preferable. LiveViewer software is downloadable from the Dukane website and required on all computers. The functions are supported by LiveViewer (Windows® application) only. Image transfer speed may vary depending on number of projectors connected.



Multi Projector

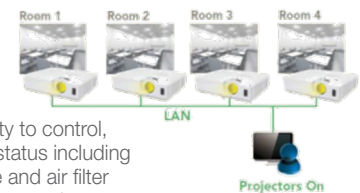
You can project the same image from up to 12 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.

To secure better performance, a wired network is preferable. LiveViewer software is downloadable from the Dukane website and required on all computers. The functions are supported by LiveViewer (Windows® application) only. Image transfer speed may vary depending on number of projectors connected.



Projector Monitoring and Control from a Remote Location

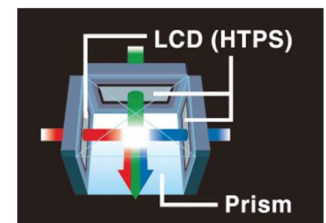
Dukane's Projector Management Software (PJMan) gives you the ability to control, diagnose and manage (monitor the status including power, lamp hours, and temperature and air filter conditions) a single or group of Dukane projectors.



3LCD Chips with Inorganic Alignment Layers

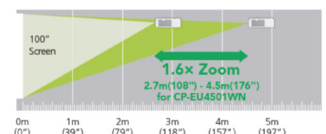
This Dukane LCD projector incorporates three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.

(HTPS : High Temperature Poly-Silicon)



1.6 x Zoom Lens

Featuring a powerful 1.6x manual zoom lens, the projector allows for a greater range of installation possibilities.



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STANDARD FEATURES

Cloning Function: Copy configuration settings 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.

Easy Event Scheduling: You can schedule routine and special projector events, including power on, power off, input selection and other settings.

E-mail Alerts: E-mail notification is sent for routine maintenance and error conditions.

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.

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.

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.

Projector Quick Connection App For Mobile Devices: Our iOS and Android™ 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.

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 IEEE802.11b/g and 11n.



Front View



Ceiling Mount



Rear View



Right Side

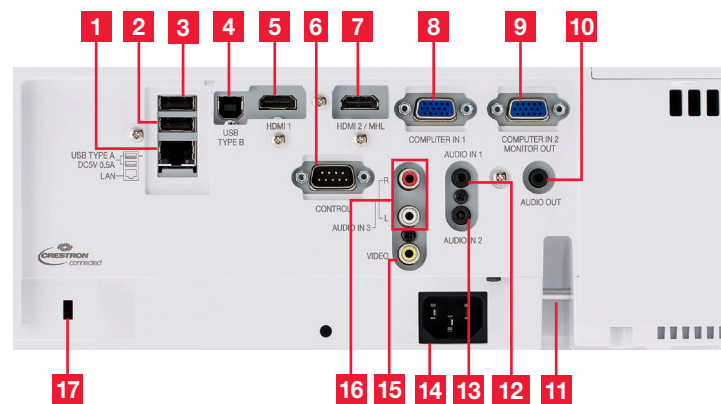


Top View



Left Side

Input/Outputs



- | | | |
|----------------------------|--------------------------------|----------------------|
| 1. LAN | 7. HDMI 2 / MHL | 12. Audio In 1 |
| 2. USB Type A (DC 5V 0.5A) | 8. Computer In 1 | 13. Audio In 2 |
| 3. USB Type A (DC 5V 0.5A) | 9. Computer In 2 / Monitor Out | 14. AC Power |
| 4. USB Type B | 10. Audio Out | 15. Video |
| 5. HDMI 1 | 11. Security Bar | 16. Audio In 3 (L/R) |
| 6. Control (RS-232C) | | 17. Kensington Lock |

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Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, 2 AA batteries, lens cover, adapter cover, security label, HDMI cable holder, cable ties
Optional Accessories	USBWL5G USB wireless adapter
Replacement Parts	
Lamp	456-8945WU
Remote Control	HL03037
Filter	UX41161

Projection Throw Chart (In inches)

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	30	50
60	51	63	104
80	68	86	140
100	85	108	176
200	170	220	357
300	254	331	537

Throw Ratio: 1.3 - 2.1 : 1 (distance : width)

Specifications

Display	Projection Technology	3LCD, 3 chip technology
	Resolution	WUXGA 1920 x 1200
	White Light Output	4,500 ANSI lumens
	Color Light Output	4,500 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	16,000 : 1 (using active IRIS)
Lens & Operation	Throw Ratio (distance : width)	1.3 - 2.1 : 1
	Focus Distance	31" - 535"
	Display Size	30" - 300"
	Lens	Manual zoom x 1.6, manual focus
	Lamp Wattage	280W
	Expected Lamp Life*	Approximately 4,500 hours (Standard mode) 6,000 hours (Eco mode)
	Expected Filter Life**	Approximately 10,000 hours
Compatibility	Speaker Output	16W
	Keystone	H and V: +/- 30°
	Computer	VGA, SVGA, XGA, WXGA, SXGA, WSXGA+, HD, 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, 576p, 720p, 1080i, 1080p
Connectors	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
	Digital Input	HDMI x 1, HDMI/MHL x 1
	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	
Ratings & Warranty	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	3.5 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
	USB	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or remote control mouse)
Control Terminals	9-pin D-sub x 1 (RS-232 control)	
Ratings & Warranty	Power Supply	AC 100-120V/220-240V, 50/60Hz
	Power Consumption	410W / 400W
	Operating Temperature	41°F - 95°F (5°C - 35°C)
	Dimensions (W x D x H)	16.0" x 12.3" x 4.3" (excluding protruding parts) Shipping 19.0" x 16.0" x 9.0" (estimated)
	Weight	Approximately 11.7 lbs. / Shipping 16.0 lbs. (estimated)
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class A
	Warranty	Three (3) year limited warranty
UPC	605194006717	

* 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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