

High performance LCD projector captures attention in classrooms or conference rooms with dynamic images and 3,700 ANSI lumens.



Key Features

- WXGA 1280 x 800 resolution
- 3,700 ANSI lumens white/color output
- 16 watt audio output
- 5000:1 contrast ratio
- HDMI 1 input
- 5,000 hours hybrid filter*
- 5,000 hours lamp life (Standard mode) and 6,000 hours lamp life (Eco mode)**
- Power saving standby mode less than 0.5W

From the classroom to the conference room, Dukane's 8938W 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 8938W has a cloning function which enables you to copy configuration settings from one projector to others of the same model via USB memory. The 8938W also supports 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. Plus, Dukane's Intelligent Eco Mode with ImageCare combines optimal picture performance with maximum energy savings for a lower total cost of ownership. For added peace of mind, Dukane's 8938W is also backed by a generous warranty and our world-class service and support programs.

DUKANE CORP

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8938W

UNIQUE FEATURES

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.

Intelligent Eco and Saver Modes



Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

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 USBWL11N wireless adapter.

STANDARD FEATURES

Input Source Naming



Users can rename input sources in more descriptive terms instead of the factory default names.

Microphone Input



A microphone can be used via the jack located on the input panel. Allows for more dynamic presentations even in standby mode.

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 in front of the 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 USBWL11N). The adapter supports IEEE802.11b/g and 11n.

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

From classrooms to conference rooms, Dukane's 8938W can make a big impact on your audience. With 3,700 ANSI lumens brightness and WXGA 1280 x 800 resolution, the 8938W is designed to make any message more memorable with colorful images, crisp text, and powerfully clear audio. Incorporating



Dukane's leading-edge technology, the 8938W 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 8938W is designed for user-friendly operation and installation convenience.



Front View



Top View

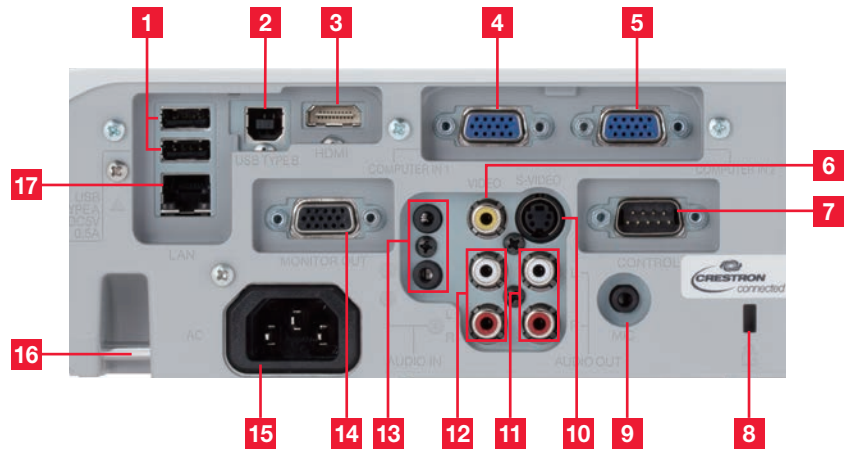


Left Profile

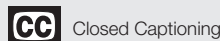


Right Profile

Input/Outputs



- | | | |
|--------------------|----------------------|----------------------|
| 1. USB Type A x 2 | 7. Control (RS-232C) | 13. Audio in 1 and 2 |
| 2. USB Type B | 8. Kensington Lock | 14. Monitor Out |
| 3. HDMI | 9. Microphone Input | 15. AC |
| 4. Computer in 1 | 10. S-Video | 16. Security Bar |
| 5. Computer in 2 | 11. Audio Out | 17. LAN |
| 6. Composite Video | 12. Audio in 3 | |



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* 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.
 ** 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.

Accessories and Lenses

| | |
|-----------------------------|----------------------------------------------------------------------------------------------------------|
| Supplied Accessories | Remote control, power cord, computer cable, user's manual, security label, application CD, adapter cover |
| Optional Accessories | USBWL11N USB wireless adapter, LCDSC2000 soft sided case |
| Optional Lenses | NA |
| Replacement Parts | |
| Lamp | 456-8931WA |
| Remote Control | HL03031 |
| Filter | UX38841 |

Projection Throw Chart

| Screen Size 16:10 | | Throw Distance | |
|-------------------|-------|----------------|-----|
| Diagonal | Width | Min | Max |
| 30 | 25 | 36 | 44 |
| 60 | 51 | 74 | 89 |
| 80 | 68 | 99 | 120 |
| 100 | 85 | 125 | 150 |
| 200 | 170 | 252 | 303 |
| 300 | 254 | 379 | 455 |

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 | 3,700 ANSI lumens |
| | Color Light Output | 3,700 ANSI lumens |
| | Colors | 16.7 million colors |
| | Aspect Ratio | Native 16:10 and 4:3 / 16:9 compatible |
| | Contrast Ratio | 5000 : 1 (using active IRIS) |
| Lens & Operation | Throw Ratio (distance : width) | 1.5 - 1.8 : 1 |
| | Focus Distance | 36" - 455" |
| | Display size | 30" - 300" |
| | Lens | F = 1.6 - 1.8, f = 19 - 23 mm, x 1.2 manual zoom |
| | Lamp Wattage | 225W |
| | Expected Lamp Life* | Approximately 5,000 hours (standard mode) 6,000 hours (Eco mode) |
| | Expected Filter Life** | Approximately 5,000 hours |
| Compatibility | Speaker Output | 16W |
| | Keystone | +/- 30° vertical only |
| | Computer | VGA, SVGA, XGA, WXGA, WXGA+/SXGA/WSXGA+/UXGA (compressed) MAC 16* |
| | H-Sync | 31.5 kHz - 106 kHz |
| | V-Sync | 56 Hz - 120 Hz |
| | Composite Video | NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM |
| | Component Video | 480i, 480p, 576i, 720p, 1080i, 1080p |
| Connectors | HDMI | 480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz |
| | Digital Input | HDMI 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 |
| | Video Input | |
| | S-Video | Mini DIN 4-pin x 1 |
| | 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, MIC-in 3.5 mm mini jack x 1 |
| | Audio Output | RCA jack (L/R) 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 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 | 330W / 310W |
| | Operating Temperature | 40°F - 95°F (5°C - 35°C) |
| | Dimensions (W x D x H) | 12.6" x 9.7" x 3.4" (excluding protruding parts) |
| | Weight | Approximately 6.8 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 | 605194004164 | |

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