

High performance LCD projector captures attention in classrooms or conference rooms with dynamic images and 2,700 ANSI lumens.



## Key Features

- XGA 1024 x 768 resolution
- 2,700 ANSI lumens white/color output
- 16 watt audio output
- 3000:1 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 .5W

From the classroom to the conference room, Dukane's 8928 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. Further engage the audience by annotating over images with the optional TB-1 tablet and pen. For greater installation convenience, the 8928 has a cloning function which enables you to copy setting data from one projector to others of the same model via USB memory. 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 8928 is also backed by a generous warranty and our world-class service and support programs.

# 8928

### DUKANE CORP

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## UNIQUE FEATURES

### Drawing Function with Optional Tablet (TB-1)



The optional Dukane wireless tablet and pen allows you to engage your audience by annotating over images shown on the projector.

### Cloning Function



Copy setting data 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 if there is no change in the screen image. Using ImageCare technology, this feature gives optimal picture performance with maximum energy savings and can increase lamp life and lower total cost of ownership.

## STANDARD FEATURES

### Display via USB



Simply plug and play using the USB port instead of the 15-pin D-sub VGA cable.

### Input Source Naming



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

### 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. Additionally there is also a slideshow 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.

### 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 Ready



You can use a wireless network by connecting the projector to a computer using the optional USB wireless adapter part number USBWL11N. The adapter supports IEEE802.11b/g and the latest 11n.

### 5 year Limited Warranty



Five (5) year limited year warranty plus Dukane's 1 year Peace of Mind Loaner Program.

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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.

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

From classrooms to conference rooms, Dukane's 8928 can make a big impact on your audience. With 2,700 ANSI lumens brightness and XGA 1024 x 768 resolution, the 8928 is designed to make any message more memorable with colorful images, crisp text, and powerfully clear audio. Incorporating Dukane's



leading-edge technology, the 8928 features high contrast ratio, long lamp 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 e-mail alerts). Even with the the array of advanced features, Dukane's 8928 is designed for user-friendly operation and installation convenience.



Front View



Top View

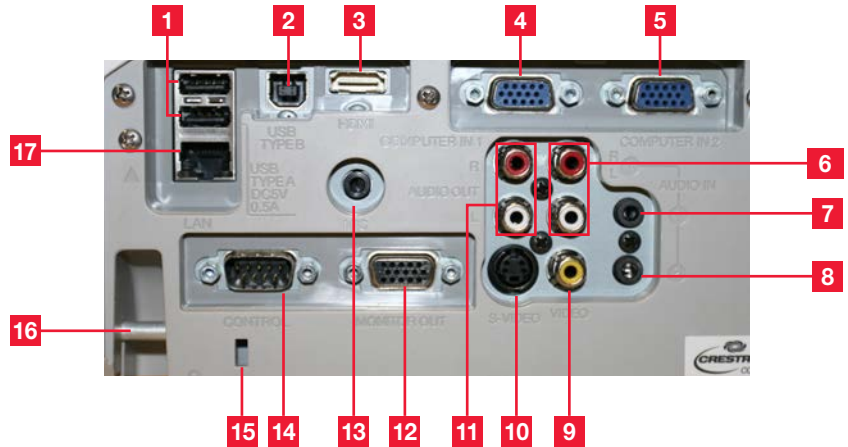


Left Profile



Right Profile

## Input/Outputs



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



3LCD Technology



Closed Captioning



5 Year Warranty

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# 8928

Accessories and Lenses	
<b>Supplied Accessories</b>	Remote control, power cord, computer cable, network and wireless software, user's manuals, safety manual
<b>Optional Accessories</b>	USBWL11N USB wireless adapter, TB-1 wireless USB tablet
<b>Optional Lenses</b>	NA
Replacement Parts	
<b>Lamp</b>	456-8755N
<b>Remote Control</b>	HL02881
<b>Filter</b>	MU06481

**Projection Throw Chart**

Screen Size 4:3		Throw Distance	
Diagonal	Width	Min	Max
30	24	32	39
60	48	68	82
80	64	92	111
100	80	116	140
150	120	175	211
200	160	235	283
300	240	354	426

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

Specifications		
Display	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	XGA - 1024 x 768
	<b>White Light Output</b>	2,700 ANSI lumens
	<b>Color Light Output</b>	2,700 ANSI lumens
	<b>Colors</b>	16.7 million colors
	<b>Aspect Ratio</b>	Native 4:3 and 16:9 / 16:10 compatible
	<b>Contrast Ratio</b>	3000 : 1 (using active IRIS)
Lens & Operation	<b>Throw Ratio</b> (distance : width)	1.5 - 1.8 : 1
	<b>Lens</b>	x1.2 with manual zoom
	<b>Lamp Wattage</b>	215W UHP
	<b>Expected Lamp Life*</b>	Approximately 5,000 hours (standard mode) 6,000 hours (Eco mode)
	<b>Expected Filter Life**</b>	Approximately 5,000 hours
	<b>Speaker Output</b>	16W (8W x 2)
	<b>Acoustic Noise Level</b>	36 dB (29 dB in Eco mode)
Compatibility	<b>Keystone</b>	+/- 30° vertical only
	<b>Computer</b>	VGA, XGA, WXGA, WXGA+, SVGA, SXGA+, UXGA (compressed), MAC 16"
	<b>H-Sync</b>	31.5 kHz - 106 kHz
	<b>V-Sync</b>	56 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 720p, 1080i, 1080p
	<b>HDMI</b>	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz
Connectors	<b>Digital Input</b>	HDMI x 1 (HDCP compliant)
	<b>Computer Input 1</b>	15-pin mini D-sub x 1
	<b>Computer Input 2</b>	15-pin mini D-sub x 1
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1
	<b>Video Input</b>	
	S-Video	Mini DIN 4-pin x 1
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared w/analog computer 1/2)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	RCA jack (L/R) x 1
Ratings & Warranty	<b>Network LAN Wired</b>	RJ-45 port / 100-base-T
	<b>Network LAN Wireless</b>	IEEE802.11 b/g/n - optional wireless adapter required
	<b>USB</b>	Type A x 2 (PC-less, wireless adapter, TB-1) Type B x 1 (USB display or mouse control)
	<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)
	<b>Power Supply</b>	AC90-132V / AC198-264V, 50/60Hz
	<b>Power Consumption</b>	310W
	<b>Operating Temperature</b>	40°F - 95°F (5°C - 35°C)
<b>Dimensions (W x D x H)</b>	12.5" x 11.3" x 3.9" / Shipping 18.0" x 15.0" x 8.0"	
<b>Weight</b>	8.15 lbs. / Shipping 14.0 lbs.	
<b>Approvals</b>	UL 60950-1 / cUL FCC Part 15 subpart B class B	
<b>Warranty</b>	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program	
<b>UPC</b>	0000060519400260	

Specifications subject to change without notice.

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