8972WA LCD Projector

Convenient and easy to use installation projector with advanced technology and 4,000 ANSI lumens brightness in a low profile design.

Dukane's installation-friendly 8972WA LCD projector is designed to provide maximum presentation impact in mid to large venue applications. It offers a versatile array of innovative, performance-enhancing features along with advanced video display technology providing bold, brilliant colors with incredible image clarity and uniformity. Plus, with motorized zoom, focus and superior lens shift, and a variety of lens options, the 8972WA is at the top of its class when it comes to installation flexibility. All this, and with a lower cost of ownership. For added peace of mind, Dukane's 8972WA is also backed by a generous warranty and our world-class service and support programs.

Key Features

- WXGA 1280 x 800 resolution
- 4,000 ANSI lumens white/color output
- 16 watt audio output
- 3000:1 contrast ratio
- HDMI 2 inputs
- 15,000 hours hybrid filter*
- 4,000 hours lamp life (Eco mode)**
- Picture by Picture

8972WA

DUKANE CORP
Audio Visual Products
2900 Dukane Drive, St. Charles, Illinois 60174
Toll-free: 888-245-1966 • Fax: 630-584-5156
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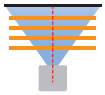
5 YEAR warranty

3LCD

8972WA LCD Projector

UNIQUE FEATURES

Center Lens Design



This feature makes it easy to align the projector with the center of the screen for faster and trouble-free setup.

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.

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.

Motorized Zoom, Focus and Lens Shift Control

Allows for greater range of installation possibilities. With the motorized function you can make fine adjustments through the remote control or RS232/IP device.

Multiple Lens Options

In addition to the one SL702 short throw standard lens, four optional lenses are available: FL701 fixed; ML703 middle throw; LL704 long throw; and UL705 ultra-long throw.

Picture By Picture

Dukane's picture by picture enables the content from two input sources to be displayed simultaneously, side by side on one screen. With such flexibility, the input source can originate from different locations such as PC x 2 or video x 2, or PC x 1 and video x 1, with both images sharing equal screen size. This feature is also ideal for teleconferencing applications.

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.

STANDARD FEATURES

Display via USB

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

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.

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.

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.

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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.

8972WA LCD Projector

Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Dukane's 8972WA LCD projector is the perfect solution. With 4,000 ANSI lumens brightness and WXGA 1280 x 800 resolution, the 8972WA will deliver dynamic images guaranteed to dazzle any audience. Incorporating Dukane's leading-edge technology, the 8972WA features high contrast ratio, long lamp life, a variety of lens options to accommodate your specific application, 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 array of advanced features, Dukane's 8972WA is designed for user-friendly operation and installation convenience.

3LCD Technology

Closed Captioning

5 Year Warranty

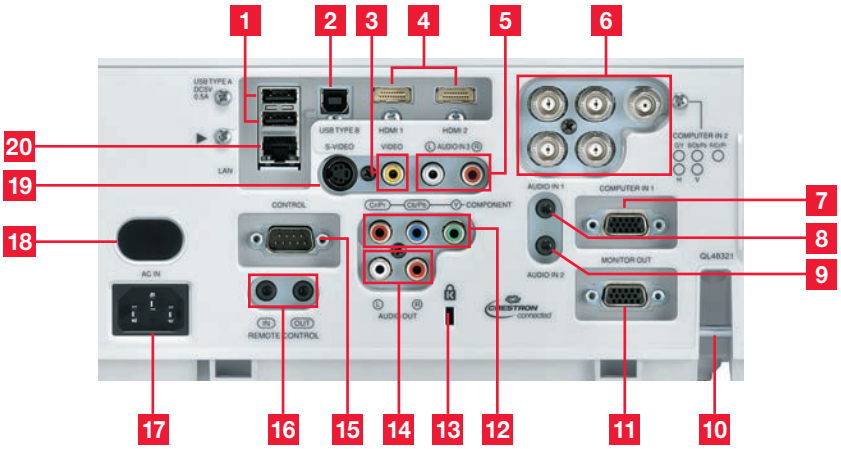
Front 3/4 View

Top View

Side Profile

Rear View

Input/Outputs



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

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8972WA LCD Projector

DUKANE

Accessories and Lenses	
Supplied Accessories	Remote control, power cord, computer cable, one standard SL702 lens, lens cover, user's manual, security label, application CD, adapter cover
Optional Accessories	TB-1 wireless USB tablet, USBWL11N USB wireless adapter
Optional Lenses	4 optional lenses are available: FL701, ML703, LL704, UL705
Replacement Parts	
Lamp	456-8970
Remote Control	HL02801
Filter	MU06642

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
30	25	39	58
60	51	77	115
80	68	102	154
100	85	127	192
150	127	191	287
200	170	254	383
300	254	380	573

Throw Ratio: 1.5 - 2.2 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens SL702.

Projection Lens Chart

Lens	Inches	Meters
SL702	127 - 192	3.2 - 4.9
FL701	88	2.2
ML703	162 - 321	4.1 - 8.1
LL704	305 - 520	7.8 - 13.2
UL705	516 - 879	13.1 - 22.3

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 100" diagonal screen.

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 16:10 and 4:3 / 16:9 compatible
	Contrast Ratio	3000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	1.5 - 2.2:1 (with standard lens)
Lens & Operation	**Lens**	F = 1.9 – 2.9 mm / x 1.2 digital zoom, focus & lens shift
	Lamp Wattage	245W
	Expected Lamp Life*	Approximately 2,500 hours (standard mode) 4,000 hours (Eco mode)
	Expected Filter Life**	Approximately 15,000 hours
	Speaker Output	16W (8W x 2)
	Acoustic Noise Level	35 dB (29 dB in Eco mode)
	Keystone	+/- 35º with standard lens
Compatibility	**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
	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS Clock 27 MHz - 150 MHz
Connectors	**Digital Input**	HDMI x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	BNC x 5
	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 1 (shared with computer In 1) BNC x 3 (shared with computer In 2)
	Audio Input	3.5 mm stereo mini jack x 2, RCA jack (L/R) 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	375W
	Operating Temperature	32ºF - 104ºF (0ºC - 40ºC)
	Dimensions (W x D x H)	19.6" x 15.6" x 5.3" (without lens) / Shipping 19.6" x 15.6" x 5.3"
	Weight	approx. 18.5 lbs. / Shipping 18.5 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class A
	Warranty	Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program
	UPC	605194002849

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