



## High quality LCD projector with versatile performance features for classroom and conference room applications.



The color light output spec measures the brightness of red, green, and blue, which create all the possible spectrum of colors. Smooth, seamless colors combined with an unparalleled grayscale range delivers incredible detail to every image displayed by a Dukane 3LCD projector.



Intelligent Eco Mode automatically changes the brightness of the lamp according to the brightness level of the 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.



2,400 lumens of white light output in conjunction with equal color light output project bright, clear, true to life images in any classroom or conference room.



An easy to use, plug and play Dukane wireless tablet with pen allows you to engage your audience by annotating over any image. You can write over video or still images from a variety of sources connected to the projector. The simple tool bar is automatically projected on the screen image and offers a variety of functions to write with. The TB-1 wireless USB tablet is sold separately.



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

### Advantage Highlights

### Specification Highlights

- Wireless Presentation Ready
- Whiteboard Mode
- Network Control, Maintenance and Security
- PJMessenger
- Present Content via LAN
- Easy Maintenance
- Template Function
- PC-Less Presentation
- Display via USB
- PIN Lock / MyScreen / MyText
- Serial Number and MAC Address Label on Side

- XGA Resolution (1024 x 768)
- White Light Output: 2,400 ANSI Lumens
- Color Light Output: 2,400 ANSI Lumens
- Hybrid Filter (5,000 Hours Between Maintenance)
- 6,000 Hour Lamp Life (Eco Mode)\*
- 3000:1 Contrast Ratio (Using Active Iris)
- 16 Watt Audio Output
- HDMI/Component/Composite/S-Video
- 29 dB (Eco Mode)
- 7.9 Lbs.                      Five (5) year Warranty
- Less Than 0.5W in Power Saving Standby Mode

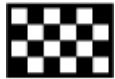


## 2,400 ANSI Lumens White/Color Output



2,400 lumens of white light output in conjunction with equal color light output project bright, clear, true to life images in any large venue application.

## 3000:1 Contrast Ratio



Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

## Hybrid Filter (5,000 hours between maintenance)\*\*



Dukane's hybrid filter consists of a two-stage, layered design and an electrostatic filter, providing dust protection for up to 5,000 hours.

## 6,000 Hour Lamp Life (Eco Mode)\*



Another key to low total cost of ownership is a long life lamp. The lamp is rated at 5,000 hours in standard mode and 6,000 hours in Eco mode.

## 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.

## 16 Watt Audio Output



16W output eliminates the need to connect external speakers.

## Whiteboard Mode



Limits the peak white by changing the gamma curve limiting its brightness when used with a whiteboard to protect the eye health of teachers and students.

## Network Control, Maintenance and Security



Projector management application (PJMan) allows users to monitor and control multiple projectors over LAN. Features include scheduling of events, e-mail alerts for reactive and routine maintenance. Crestron RoomView Express and AMX Device Discovery is embedded into the projector which provides out of the box compatibility with Crestron and AMX Systems.

\* 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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## 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 campus wide announcements.



## 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.

## Easy Maintenance



Easy maintenance is another attractive function, as the lamp door is on top of the model and the filter slides to the front.

## Template Function



Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

## 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.

## Display via USB



Connect to your computer using the USB port.

## HDMI Input (HDCP)



Digital connectivity allows for highest image quality from your HD device. Compliancy with HDCP.

## PIN Lock / MyScreen / MyText



PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set a school's name or company's 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.

## Serial Number and MAC Address Label on Side



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

## Power Saving Standby Mode



Power saving mode reduces the standby power consumption to less than 0.5W.

## 5 Year Limited Warranty



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

## Projection Throw Chart

Screen Size 4:3

Screen Size**		Throw Distance**	
Diagonal	Width	Min	Max
30	24	32	39
60	48	68	82
80	64	92	111
100	80	116	140
120	96	140	168
150	120	175	211
200	160	235	283
300	240	354	426

Throw Ratio: 1.5 - 1.8:1 (distance : width)  
\*\*Measured in inches

## Input/Output Terminals



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Specifications	
<b>Projection Technology</b>	3LCD, 3 chip technology
<b>Number of Pixels</b>	786,432 pixels
<b>Resolution</b>	
Video	540 TV lines
RGB	1024 dots X 768 lines
<b>Colors</b>	16.7 million colors
<b>Aspect Ratio</b>	Native 4:3/16:9 compatible
<b>Lens</b>	Manual zoom x 1.2
<b>Throw Ratio (distance : width)</b>	1.5 - 1.8:1
<b>Lamp</b>	215W
<b>White Light Output</b>	2,400 ANSI lumens
<b>Color Light Output</b>	2,400 ANSI lumens
<b>Expected Lamp Life</b>	Approximately 5,000 hours (standard mode), 6,000 hours (Eco mode)*
<b>Contrast Ratio</b>	3000 : 1 (using active IRIS)
<b>Speaker Output</b>	16W
<b>Power Supply</b>	AC100 - 120V / AC220 - 240V 50/60 Hz power
<b>Power Consumption</b>	310W
<b>Operating Temperature</b>	41°F - 95°F (5°C - 35°C)
<b>Input Signals</b>	
Computer	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, MAC 13", MAC 16"
Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
Component Video	480i, 480p, 576i, 730p, 1080i, 1080p
HDMI	480i, 480p, 576i, 730p, 1080i, 1080p, computer signal — TMDS clock 27 MHz to 150 MHz
<b>Acoustic Noise Level</b>	37 dB (29 dB in Eco mode)
<b>H-Sync</b>	15 kHz - 106 kHz
<b>V-Sync</b>	50 Hz - 120 Hz
<b>Approvals</b>	UL, C-UL, FCC, CE, RoHS
<b>Computer Input</b>	
Analog Computer 1	Mini 15 pin D-sub connector x 1
Analog Computer 2	Mini 15 pin D-sub connector x 1
<b>Computer Monitor Output</b>	Mini 15-pin D-sub connector x 1
<b>Digital Input</b>	HDMI x 1
<b>Video Input</b>	
S-Video	Mini DIN 4-pin connector x 1
Composite Video	RCA jack x 1
Component Video	Shared with analog computer
<b>USB Input</b>	USB Type A x 2 (for PC-Less presentation and wireless adapter) USB Type B x 1 (for USB display or mouse control)
<b>Audio</b>	
Input	3.5 mm stereo mini jack x 2, RCA jack (L,R) x 1 pair, mic in 3.5 mm mini jack x 1
Output	RCA (L/R) x 1 pair
<b>Network (LAN)</b>	RJ-45 port / 100 base-T
<b>Control Terminals</b>	9-pin D-sub connector x 1 (RS-232 control)
<b>Dimensions (W x D x H)</b>	12.5" x 11.3" x 3.9" / Shipping: 18" x 15" x 8"
<b>Weight</b>	7.9 lbs. / Shipping 14 lbs.
<b>Closed Captioning</b>	CC1, CC2, CC3, CC4, T1, T2, T3, T4
<b>Supplied Accessories</b>	Remote control with two AA batteries, power cord, user's manual, safety manual
<b>Optional Accessories</b>	USBWL11N USB wireless adapter, TB-1 wireless USB tablet
<b>Replacement Parts</b>	
Lamp	456-8755N
Remote Control	HL02881
Filter	MU06481



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Specifications subject to change without notice.