

## Advanced technology results in superior reliability and quality with a low profile design.

**360° Rotation:** Display rotation of 360° for creative applications and greater installation flexibility.



**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.



**2 HDMI Digital Inputs:** Dual digital inputs reduce the need for additional switcher hardware.

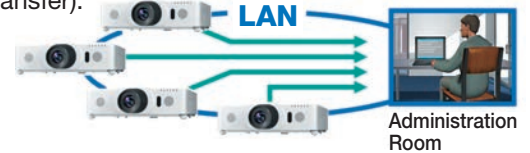


### Advantage Highlights

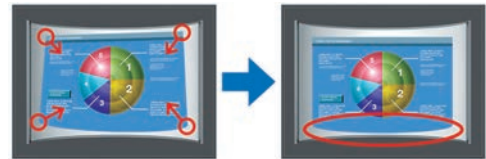
- White Light Output: 6,000 ANSI Lumens
- Color Light Output: 6,000 ANSI Lumens
- 20,000 Hour Hybrid Filter
- 3,000 Hour Lamp Life (Eco Mode)\*
- 3000:1 Contrast Ratio
- Wireless Presentation Ready (Via Optional Wireless Adapter USBWL11N)
- Center Lens Design
- 16 Watt Stereo Audio Output
- Less Than 0.35W in Power Saving Standby Mode
- Input Source Naming
- Status Monitor
- Picture By Picture
- One Standard Lens and Four Optional Lenses



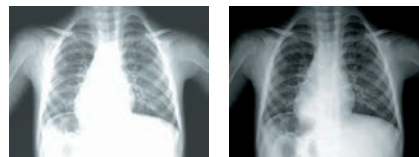
**Convenient Networking:** Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include centralized reporting, scheduling, e-mail alerts, and My Image (Image Transfer).



**Perfect Fit 2:** Enables quick adjustment of the projected image by moving its four corners one at a time. In addition, barrel or pincushion distortion, which occur on rounded surfaces, can easily be corrected.



**DICOM® Simulation Mode:** These projectors have a DICOM (Digital Imaging and Communications in Medicine) Mode, which reproduces images with an advanced grayscale level. This mode is ideal for viewing grayscale medical images such as X-rays, and for training and educational purposes.



Standard Mode

DICOM Mode

- These projectors are not approved medical devices. They should not be used for actual medical diagnosis.
- Comparison photos are simulations.

## 6,000 ANSI Lumens White/Color Output



6,000 lumens of white light output in conjunction with equal color light output project bright, clear, true to life images in any large venue application.

## Hybrid Filter (20,000 hours between maintenance)\*\*



Dukane's hybrid filter consists of a two-stage, layered design and an electrostatic filter, providing dust protection for up to 20,000 hours.

## 3,000 Hour Lamp Life (Eco Mode)\*



Another key to low total cost of ownership is a long life lamp. The lamp is rated at 2,500 hours in standard mode and 3,000 hours in Eco mode.

## 3000:1 Contrast Ratio



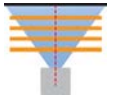
Contrast can be automatically controlled through an active iris to add depth perspective during both bright and dark scenes.

## 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.

## Center Lens Design



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

## 16 Watt Stereo Audio Output



16W (8W+8W) stereo output eliminates the need to connect external speakers.

## Power Saving Standby Mode



Power saving mode reduces the standby power consumption to less than 0.35W.

## Input Source Naming



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

## Status Monitor



With Dukane's status monitor, you'll have access in real time to projector diagnostics. Status updates include configuration information, maintenance history, as well as error and alarm messaging. For even greater user convenience, the status monitor can be accessed on the rear input panel or through the Dukane network tools software.

## Picture By Picture



Dukane's picture by picture enables the content from any 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.

## Multiple Lens Options



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

## 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.

## 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.



\* 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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DUKANE CORP  
Audio Visual Products  
2900 Dukane Drive  
St. Charles, Illinois 60174

www.dukane.com/av  
Toll-free: 888-245-1966  
Fax: 630-584-5156  
E-mail: avsales@dukane.com

## Projection Throw Chart

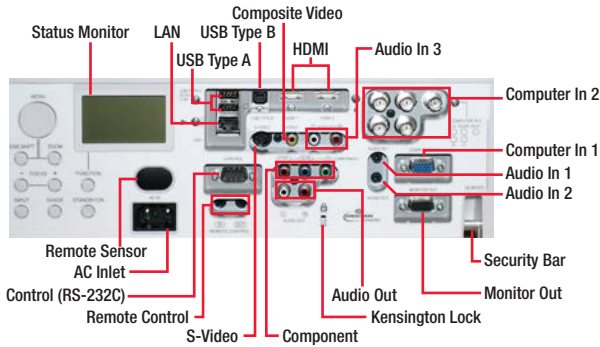
Screen Size 4:3 Throw Distance

Screen Size*		Throw Distance*	
Diagonal*	Width*	Min*	Max*
30	24	37	73
60	48	73	146
80	64	98	194
100	80	122	242
150	120	183	363
200	160	244	484
250	200	305	605
300	240	366	725

Throw Ratio: 1.5 - 3.0 : 1 (distance : width)

\*Measured in inches with standard lens ML703

## Input/Output Terminals



## Projector Lens Chart

Lens	Inches**	Meters**
ML703 (Standard Lens)	122 - 242	3.1 - 6.2
FL701	66	1.7
SL702	97 - 145	2.5 - 3.7
LL704	231 - 392	5.9 - 10.0
UL705	393 - 667	10.0 - 16.9

\*\* Projection distances for standard lens and optional lenses when projecting onto a 100" diagonal screen.



3LCD Technology



Closed Captioning



5 Year Warranty

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2900 Dukane Drive  
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www.dukane.com/av  
Toll-free: 888-245-1966  
Fax: 630-584-5156  
E-mail: avsales@dukane.com

Specifications	
<b>Projection Technology</b>	3LCD, 3 chip technology
<b>Number of Pixels</b>	786,432 pixels
<b>Resolution</b>	
Video	540 TV lines
Computer	1024 dots x 768 lines
<b>Colors</b>	16.7 million colors
<b>Aspect Ratio</b>	Native 4:3/16:9 and 16:10 compatible
<b>Lens</b>	F = 2.0 mm with motorized zoom, focus and lens shift
<b>Throw Ratio (distance : width)</b>	1.5 - 3.0:1
<b>Lamp</b>	330W
<b>White Light Output</b>	6,000 ANSI lumens
<b>Color Light Output</b>	6,000 ANSI lumens
<b>Expected Lamp Life</b>	Approximately 2,500 hours (standard mode), 3,000 hours (Eco mode)
<b>Contrast Ratio</b>	3000 : 1 (using active IRIS)
<b>Speaker Output</b>	16W (8W+8W) stereo
<b>Power Supply</b>	AC90 - 132V / AC198 - 264V (50/60 Hz)
<b>Power Consumption</b>	AC100 - 120V, 50/60 Hz, 480W; AC220 - 240V, 50/60 HZ, 455W
<b>Operating Temperature</b>	32°F - 113°F (0°C - 35°C)
<b>Input Signals</b>	
Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, WSXGA+, UXGA, MAC16"
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 — TMD5 clock 27 MHz to 150 MHz
<b>Acoustic Noise Level</b>	37 dB (31 dB in Eco mode)
<b>H-Sync</b>	31.5 kHz - 106 kHz
<b>V-Sync</b>	56 Hz - 120 Hz
<b>Horizontal and Vertical Keystone</b>	+/- 35° with standard lens
<b>Approvals</b>	UL60950-1, C-UL, FCC part 15 subpart B Class A
<b>Computer Input</b>	
Analog Computer 1	15 pin D-sub x 1
Analog Computer 2	BNC x 5
<b>Computer Monitor Output</b>	15 pin D-sub x 1
<b>Digital Input</b>	HDMI x 2
<b>Video Input</b>	
S-Video	Mini DIN 4-pin connector x 1
Composite Video	RCA jack x 1
Component Video	RCA jack x 3, 15 pin D-sub x 1 (shared with computer In 1) BNC x 3 (shared with computer In 2)
<b>USB Input</b>	USB type A x 2 (for optional wireless network or TB-1 pen tablet) 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
Output	RCA (L/R) x 1
<b>Network (LAN)</b>	RJ-45 x1 (wired LAN)
<b>Control Terminals</b>	9 pin D-sub x1 for RS-232C (serial)
<b>Dimensions (W x D x H)</b>	19.6" x 15.6" x 5.3" / Shipping 27" x 22" x 9"
<b>Weight</b>	19.18 lbs. / Shipping 28 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, computer cable, one standard ML703 lens, lens cap, user's manuals, security label, application software (CD x 1), wireless USB cover
<b>Optional Accessories</b>	TB-1 wireless USB tablet, H02851 laser remote, USBWL11N USB wireless adapter
<b>Optional Lenses</b>	4 optional lenses are available: FL701, LL704, SL702, UL705
<b>Replacement Parts</b>	
Lamp	456-8971
Remote Control	H102801
Filter	MU06642
<b>UPC</b>	0000060519400253

Five (5) year limited warranty plus Dukane's 1 year Peace of Mind Loaner Program.  
Specifications subject to change without notice.