DUKANE

laser
light source

4K UHD READY

Professional Installation Projectors ideal for corporate,
higher education and museum applications

LCD laser installation projectors extreme brightness captivates audiences in conference rooms, auditoriums and sanctuaries

Powerful Tools

- Multi-display support with Picture by Picture/Picture in Picture
- TileMatrix (internal multi-screen splitter) enables 4Kx2K resolution utilizing 4 projectors without the need for external hardware
- Built-in daisy chain capabilities support multi-display applications
- Seamlessly blend multiple images with integrated edge blending capabilities

Integrated

- 4K Ready - Display stunning 4K 60P content using Dukane's proprietary high performance video processing/scaling chip without the loss of critical details.
- Integrated software applications such as AMX Beacon, Crestron Roomview, Extron XTP and PJ Link allow for complete control system support
- Learning of basic control of competitors product reduces the need for reprogramming of a control system lowering the cost of your installation by eliminating the need for costly reprogramming of a control system. (supports competitors commands, call Dukane for complete list)

4K UHD READY

Flexible

- Enjoy greater installation flexibility with motorized bayonet style lenses providing quick and easy exchanges. Lens throw distances range from 4.25 to 141ft
- Roll-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation

Laser

- Images appear immediately after power on due to instantaneous start up of the laser
- Dual blue laser systems provide best in class white balance over the life of the projector
- Inorganic optical components create longer lifetime and greater peace of mind
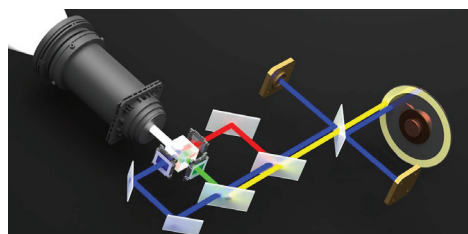
Filter Free

- Filter free LCD projector
- IP5X certified Sealed LCD cooling system prevents dust from reaching the optics and eliminates the need for a filter
- External air never enters the optical path
- Dust artifacts cannot influence picture quality or decrease image brightness
- LCD Laser Projector that is virtually maintenance free!

Sealed LCD Cooling System

IP5X RATED OPTICAL BLOCK
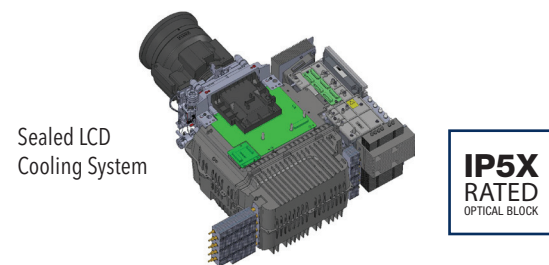
Stacking correction

The industry's first built-in stacking correction capabilities (up to four projectors) allows the projectors to boost an image's brightness up to 68,000 lumens, which is ideal for larger-sized screens and environments with heavy ambient light. This feature also prevents the complete loss of an image, which can happen when using only one projector.
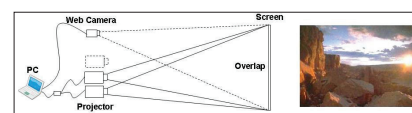
Edge blending

This function seamlessly blends multiple projected images to display a single high-resolution image.

ProAssist™

Projector management software for installation professionals provides full projector control for multiple screens to create the perfect image. Controls such as input switching, picture, lens, edge blending, uniformity and gamma control are adjustable though the GUI.

ProAssist™

Built-In HDBaseT Support

Simplify your installations with HDBaseT. Optimized for video applications and supporting uncompressed full HD digital video, audio, ethernet, power and various control signals. With only a single cable (up to 100m) to run, infrastructure and labor costs are reduced, installations are significantly easier, and there is no cable clutter to manage. With uncompressed HD video support, images have never been more stunning. What's more, control signals are contained in the same cable.
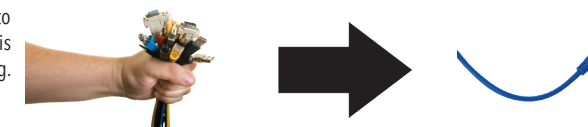
Get Connected with a Wide Selection of Inputs

- **Multiple Digital computer inputs** ensure quick switching between presentations
- **Three audio inputs (HDMI1TM & HDMI2TM and HDBaseT)** make it easy to add sound to enhance your presentations

Remote control

Wired and wireless backlit remote allows you to adjust for complete control of the projectors menu structure in a well lit or dark environment. Direct controls such as lamp mode, aspect ratio, volume and input selection eliminates multiple button pushes.

Digital Inputs

Among the projectors' wide selection of inputs are dual HDMI w/HDCP and HDBaseT w/HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers.

HDMI HIGH DEFINITION MULTIMEDIA INTERFACE
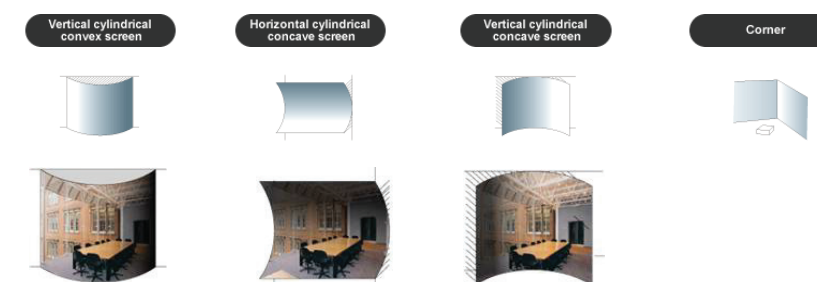
Cable Cover

This included accessory creates a clean look for your installation, while hiding signal cables and the power cord.

Advanced Software Features

Geometric Correction

Projecting an image isn't confined to a standard flat screen or wall with the Dukane 6700DU Series. Geometric correction allows these models to project an image on spheres, cylinders, corner angles and many more non-standard surfaces.

Vertical cylindrical convex screen | Horizontal cylindrical concave screen | Vertical cylindrical concave screen | Corner

Screen Splitter

Dukane is committed to bringing the latest and greatest innovation to projectors. Multi-display capabilities and TileMatrix technologies are integrated into the new PA Series projectors. This processing is all done internally and therefore eliminates the additional hardware typically required to produce a beautiful 4K resolution image.
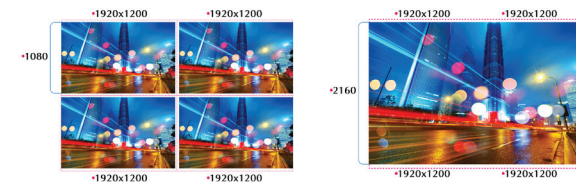
Screen Splitter (Multi Display) by Daisy Chain

Roll Free

When installation requirements dictate the projector needs to be placed at different angles the PA Series with Roll Free capabilities assures it is the correct projector of choice.
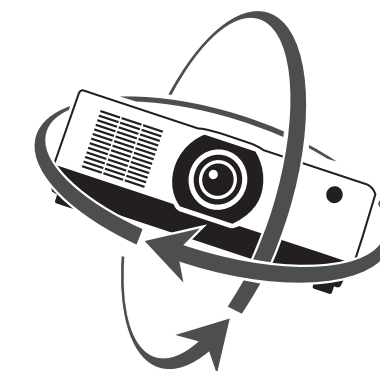
Unique Features

Variable audio-out enables the remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.

Advanced AccuBlend™ ensures detailed images when non-native resolution sources are connected to the projector

64-step image magnification with location control

Built-in HTTP page for control and monitoring over a LAN network. Email notification of error messages or lamp end-of-life can be sent to remote locations.

Warranty

Registered owners receive a five (5) years or 20,000 hours (whichever comes first) parts and labor warranty.
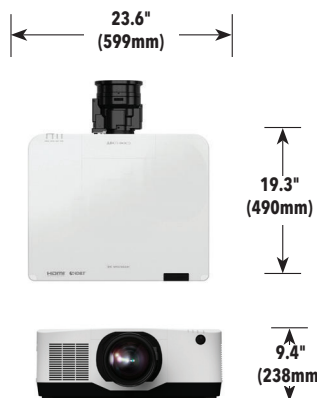
In the Box

Remote control, batteries, power cord, cable cover, user's manual on CD-ROM, quick start guide, product registration card.

Accessories

RMT-PJ40	Replacement Remote Control
Optional Lenses	NP53ZL, NP54ZL, NP55ZL
IPJ2000CM	Ceiling Mount
AEC006009	Adjustable Extension Column, 6" - 9"
AEC012018	Adjustable Extension Column, 12" - 18" Adjustable
AEC0203	Extension Column, 2' - 3'
AEC0305	Adjustable Extension Column, 3' - 5
RGBCBL-PJPX	RGB Signal Cable

Ordering Model Numbers

6715UL	6717UL
6715UL-B	6717UL-B

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1   IEC 60825-1:2014

FOR USA
CLASS 3R LASER PRODUCT   WAVE LENGTH: 455 nm
AVOID DIRECT EYE EXPOSURE   MAX OUTPUT: 333 mW
LASER RADIATION   IEC 60825-1:2007
24L89881

LASER APERTURE
OUVERTURE LASER

23.6"
(599mm)

19.3"
(490mm)

9.4"
(238mm)

	NP-PA1505UL	NP-PA1705UL
Light Output (lumens) — Center	15,000	17,000
Normal	14,000	16,000
ECO Mode OFF	13,500	15,300
Resolution — Native	WUXGA 1920x1200	
Maximum	4K 4096 x 2160	
Contrast Ratio (up to)	3,000,000:1 (with Dynamic Contrast)	
Laser Life (up to)	20,000 hours	
Screen Size (diagonal)	1.52 to 12.7m, NP53ZL, NP54ZL, NP55ZL	
Throw Ratio — NP53ZL	0.86 - 1.25:1	
NP54ZL	1.24 - 2.01:1	
NP55ZL	1.98 - 3.95:1	
Projection Distance	3.58 to 141 ft. / 1.09 to 43m	
Projection Angle	5.8 to 18.1° tele / 11.4 to 25.8° wide	
Lens — Zoom	Motorized	
Zoom NP53ZL	1.45x	
Zoom NP54ZL	1.62x	
Zoom NP55ZL	1.99x	
Focus	Motorized	
Focus NP53ZL	Motorized zoom / focus, F=1.8 to 2.24, f= 19.0 - 27.6mm, 3.7 lbs. / 5.3 kg	
Focus NP54ZL	Motorized zoom / focus, F=1.8 to 2.24, f= 27.7 - 44.9mm, 3.7 lbs. / 4.5 kg	
Focus NP55ZL	Motorized zoom / focus, F=1.84 to 2.58, f= 43.8 - 87.2mm, 3.7 lbs. / 5.4 kg	
Shift	+/- 25% horizontal, +/- 65% vertical	
Shutter	Laser Shutter	
Keystone Correction	+/- 40° horizontal, +/- 30° vertical	
Synchronization Range — Horizontal	24-153kHz	
Vertical	50-120Hz	
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM	
SD/HD Video Signal Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K	
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, Quad HD	
Macintosh Compatibility	Yes	
Input Terminals — RGB1 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)	
RGB2 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)	
RGB3 (digital)	HDBaseT w/HDCP (V1.4/2.2)	
RGB4 (digital)	3G SDI (SMPTE ST 424M / SMPTE 292M)	
Output Terminals — Monitor Out	HDBaseT Repeater	
Audio Out	Stereo Mini Jack	
External Control	RS-232, IR, Wired Remote, HDBaseT, DDC/CI, RJ-45, USB (USB 2.0)	
Sync Compatibility	Separate Sync / Composite Sync / Sync on G	
Power Requirements	100-240V AC, 50/60 Hz	
Input Current	11.6A - 5.1A	12.8A - 5.6A
Power Consumption		
(Normal/Silent Mode/Network Standby/Standby)	960W / 855W / 0.4W / 0.15W	1035W / 855W / 0.4W / 0.15W
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Product Dimensions (WxDxH)	23.6 x 19.3 x 9.4 in. / 599 x 490 x 238 mm	
Net Weight	63.7 lbs. / 28.9 kg	
Shipping Dimensions (WxDxH)	29.1 x 24.8x 15.0 in. / 739 x 629 x 382 mm	
Gross Weight	71.9 lbs. / 32.6 kg	
Fan Noise	38 dB normal / 35 dB silent mode	43 dB normal / 37 dB silent mode
Regulations — US	USA UL60950-1: 2nd edition, FCC Part15 Subpart B(ANSI C63.4.2014)	
Canada	CAN/CSA C22.2 No.62368-1-18,3rd Edition, ICES-003 Issue 7(ANSI C63.4-2014)	
Operating — Temperature	32-113°F / 0-45°C	
Humidity	20% - 80% (non-condensing)	
Storage — Temperature	14-122°F / -10 50°C	
Humidity	20% - 80% (non-condensing)	

CERTIFIED FOR Windows Vista®

CERTIFIED Crestron Connected Integrated Partner

AMX   EcoCare   InstaCare

* Lens does not ship with the projector.
Additional accessories are available, including screens, carts, mount accessories and replacement cables.
Visit www.dukaneav.com for details.