DUKANE

Professional Installation Projectors
6700 Series

Ideal for corporate, higher education and museum applications

www.dukaneav.com

Powerful installation projectors equipped to take on the most demanding integration projects

Powerful Tools

- Multi-display support with Picture by Picture/Picture Out 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

- Project uncompressed FHD video with integrated HDBaseT™
- High performance video processing/scaling creates life-like images
- Integrated software applications such as Crestron Roomview, AMX Beacon and PJ Link allow for complete interactivity and control
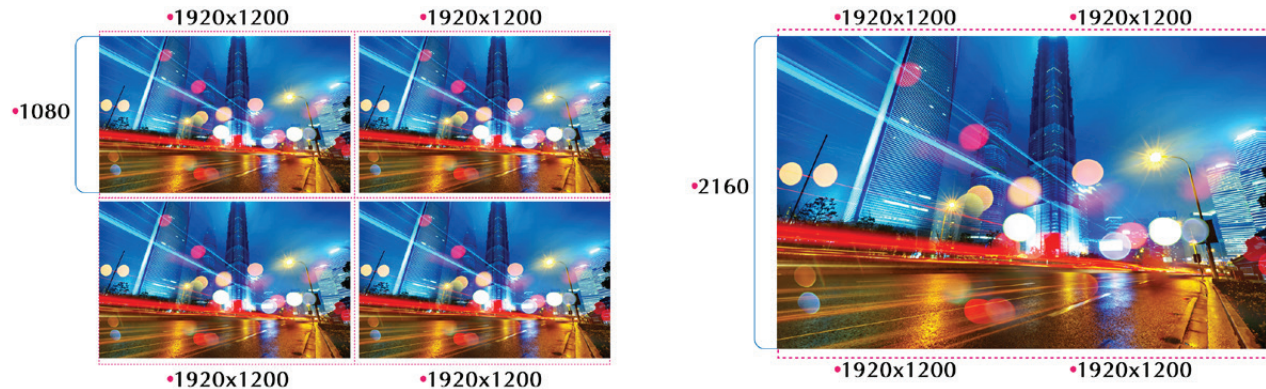
Flexible

- Enjoy greater installation flexibility with a complete line of optional bayonet style lenses (6) for quick and easy exchange. Lens throw distances range from 2.5 to 68.5 ft
- Tilt-free installation capabilities make these projector ideal for almost any install environment, including portrait orientation
- Up to 60% vertical lens shift and +/- 30% horizontal lens shift capabilities make alignment easy
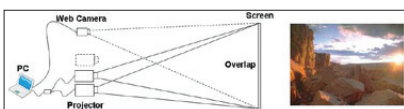
Screen Splitter

DUKANE is committed to bringing the latest and greatest innovation to projectors. Multi-display capabilities and TileMatrix technologies are integrated into the new 6700 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

•1920x1200   •1920x1200

•1080

•1920x1200   •1920x1200

•1920x1200   •1920x1200

•2160

•1920x1200   •1920x1200

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 28,800 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.
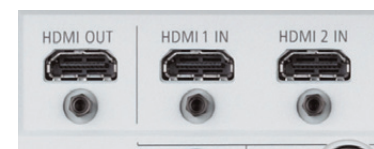
Edge blending

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

Dual HDMI inputs

Among the 6700 Series' wide selection of inputs are dual HDMI w/HDCP for connecting to high-definition sources such as Blu-ray players, cable boxes, satellite receivers and personal computers. With multiple HDMI connections, loop out up to four projectors.

HDMI OUT   HDMI 1 IN   HDMI 2 IN

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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

- **Dual computer inputs** ensure quick switching between presentations
- **Four audio inputs (two mini stereo [Comp1 & Comp2] and HDMI™)** 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.

DisplayPort

This input provides 6700 Series models with expanded connectivity with advanced technology.

Wall color correction presets

These provide for adaptive color tone correction to display properly on non-white surfaces.

On a green wall...

BEFORE auto wall correction

AFTER auto wall correction

Input panel cover

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

ADVANCED SOFTWARE FEATURES

Cornerstone

Enhanced keystone correction allows for horizontal, vertical and diagonal image correction for aligned images even when the projector is set up at an angle to the screen.
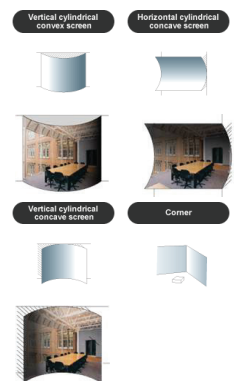
3D

When combined with active shutter glasses and 3D emitter, the 6700 Series Projectors create 3D images from a computer or Blu-ray player. The 6767W/6762WU/6772 utilize the 3D sync line output from the projector to connect to the 3D emitter. Optional 3D glasses and emitters from XPAND are available from DUKANE.

Geometric Correction

Projecting an image isn't confined to a standard flat screen or wall with the DUKANE 6700 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

4000-hour filter life

DUKANE is committed to designing its products to provide long lifecycles. This virtually maintenance-free filter reduces the frequency at which cleaning is required, thereby decreasing total cost of ownership.
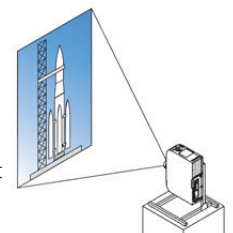
Tilt-free

The projector can be rotated freely (360°) to orient the image depending on the installation requirements
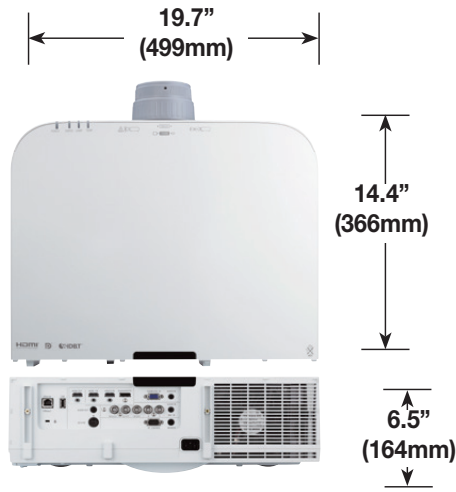
Portrait mode

Allows the projector to be rotated (and screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the side when landscape mode is used.

Dimensions

19.7"
(499mm)

14.4"
(366mm)

6.5"
(164mm)

UNIQUE FEATURES

3D Reform™ allows you to square the image by adjusting horizontally, vertically or diagonally when the projector cannot be placed parallel or perpendicular to the screen

Virtual Remote Used via a network connection (wired/wireless), you can control the projector directly from a computer without the need for additional control cables.

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

AutoSense™ automatically syncs with any computer signal and features one-touch image optimization

64-step image magnification with location control

Discreet source keys for source selection

Remote diagnostics enable the user to monitor and make adjustments to the projector remotely

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

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

IN THE BOX

Remote control, batteries, power cord, RGB signal cable, lens cap, user's manual on CD-ROM, quick start guide, product registration card, wired and wireless network setup guide.

ORDERING MODEL NUMBERS

6767W
6762WU
6772

Specifications for 6767W/6762WU/6772

OPTICAL

Display Technology	6767W: 0.75" LCD with MLA 6762WU: 0.76" LCD with MLA 6772: 0.79" LCD with MLA
Light Output (lumens)	6767W: 6700 normal 6762WU: 6200 normal 6772: 7200 normal
Resolution	
Native	6767W: WXGA 1280 x 800 6762WU: WUXGA 1920 x 1200 6772: XGA 1024 x 768
Maximum	WUXGA 1920 x 1200
Contrast Ratio (up to)	6000:1 with auto iris
Lamp Type	350W AC / 264W eco
Lamp Life (up to)	3000 hours normal / 4000 hours eco
Screen Size (diagonal)	40 to 500 in. / 1.02 to 12.7m
Throw Ratio	
NP11FL	0.80:1
NP12ZL	1.19 - 1.56:1
NP13ZL	1.50 - 3.02:1
NP14ZL	2.97 - 4.79:1
NP15ZL	4.70 - 7.02:1
NP30ZL	0.79 - 1.04:1
Projection Distance	2.5 to 68.5 ft. / 0.74 to 20.9m
Projection Angle	10.3 to 10.8° tele / 13.7 to 14.5° wide
Lens*	
Zoom	Manual
Zoom Ratio	NP11FL: NA / NP12ZL: 1 to 1.31 / NP13ZL: 1 to 2.01 / NP14ZL: 1 to 1.61 / NP15ZL: 1 to 1.53 / NP30ZL: 1 to 1.3
Focus	Manual
F-number, f-number	
NP11FL	F= 2.3, f= 13.2mm
NP12ZL	F= 2.2 to 2.69, f= 19.4 to 25.3mm
NP13ZL	F= 1.7 to 2.37, f= 24.2 to 48.6mm
NP14ZL	F= 2.2 to 2.64, f= 48.5 to 77.6mm
NP15ZL	F= 2.2 to 2.7, f= 76.6 to 116.5mm
NP30ZL	F= 1.9 to 2.1, f= 13.2 to 17.2mm
Shift	6762WU/6772: Mechanical -0.1 to +0.5 vertical, +/-0.3 horizontal 6767W: Mechanical -0.1 to +0.6 vertical, +/-0.3 horizontal
Keystone Correction	+/- 40° horizontal, +/- 40° vertical

SIGNAL COMPATIBILITY/CONNECTIVITY

Scan Rate	
Horizontal	15 – 153 kHz
Vertical	48 – 120 Hz
Supported Video Standards	NTSC, NTSC4.43, PAL, PAL-60, PAL-M, PAL-N, SECAM
SD/HD Video Signal Compatibility	1080p, 1080i, 720p, 576p, 576i, 480p, 480i
PC Signal Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA
Macintosh Compatibility	Yes
Input/Output Terminals	
RGB1 (analog)	VGA 15-pin D-sub
RGB2 (analog)	5-BNC
RGB3 (digital)	HDMI w/ HDCP
RGB4 (digital)	HDMI w/ HDCP
RGB5 (digital)	DisplayPort w/ HDCP
RGB6 (digital)	HDBaseT™
Audio	Mini stereo
Monitor Out	HDMI
Audio Out	Mini stereo (Variable audio out)
3D Sync Line	3Pin D
Audio	10W mono
External Control	RS-232, IR, HDBaseT™, DDC/CI, USB, Mini Stereo
Sync Compatibility	Separate Sync / Composite Sync / Sync on G

ELECTRICAL

Power Requirements	100 – 240V AC, 50/60Hz
Input Current	5.1A
Power Consumption (ECO off/ECO Mode/Standby/Standby-Power Saving)	460W / 362W / 7.4W / 0.11W

MECHANICAL

Optional Lenses	NP11FL, NP12ZL, NP13ZL, NP14ZL, NP15ZL, NP30ZL
Installation Orientation	Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear
Dimensions (WxDxH)	19.7 x 14.4 x 6.5 in. / 499 x 366 x 164mm
Net Weight	18.5 lbs. / 8.4 kg
Fan Noise	39 dB normal / 33 dB eco
Regulations	USA: UL 1950 FCC Class B, Canada: CSA950 (C-UL), NOM

ENVIRONMENTAL

Operating Temperature	41° – 104°F / 5° – 40°C
Humidity	20-80% non-condensing
Storage	-14° – 122°F / -10° – 50°C

ACCESSORIES

SCP200	Suspended ceiling plate
NP3250CM	Ceiling mount
NP11FL	0.8:1 fixed short throw lens
NP12ZL	1.19 - 1.56:1 zoom lens
NP13ZL	1.5 - 3.0:1 zoom lens
NP14ZL	2.97 - 4.79:1 zoom lens
NP15ZL	4.7 - 7.2:1 zoom lens
NP30ZL	0.79 - 1.04:1 zoom lens
456-6757W	Replacement lamp
NP04CV	Terminal cover
RMT-PJ37	Replacement remote control
PW RCRD-PJPX	Power cable
RGBCBL-PJPX	RGB cable

* 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.

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