# 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

- 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
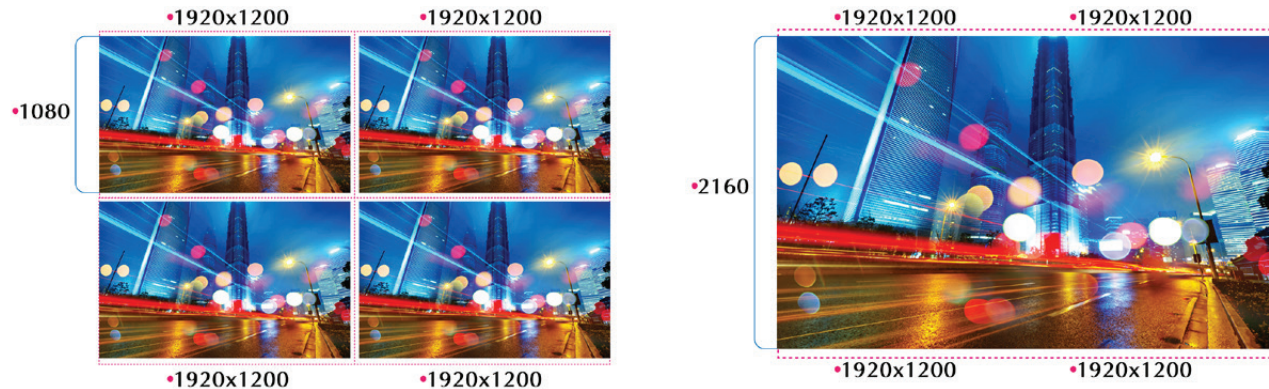
## Flexible

- 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
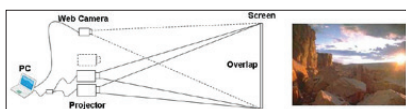
## Screen Splitter

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



## 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 24,800 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.
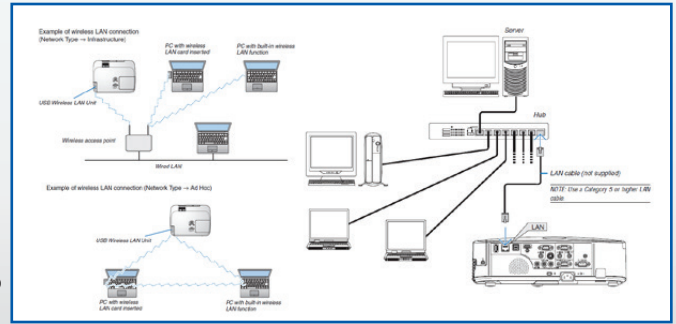


## Dual HDMI inputs

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

## INTEGRATED NETWORKING AND ASSET MANAGEMENT

- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Optional high-speed wireless LAN IEEE 802.11b/g/n
- Desktop control allows you to securely transmit information wirelessly to the projector from a docking station or PC in another room
- Image Express Utility (IEU 2.0; compatible with Windows or Mac operating systems) dedicated projector software provides wired and wireless data transmission via peer-to-peer or over the network
- Broadcast mode allows you to send information from one computer to several projectors
- Windows Network Projector function within Windows Vista connects directly to networked projectors without the need for additional proprietary software
- Windows Remote Desktop function allows you to control a networked computer by connecting a USB mouse and keyboard directly to the projector's USB input
- Windows Network Drive Function displays multimedia files (.jpeg, .bmp, .png, .mpeg2 or .wmv9) in the Windows shared folder on a local network using the Viewer function—all without bringing your PC into the conference room
- Windows Media Connection Function displays multimedia files (.mpeg2, .jpeg or .wmv9) stored on the Windows Media Connect server or a local network using the Viewer function—all without bringing your PC into the conference room
- Crestron Roomview Connected™



## 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.
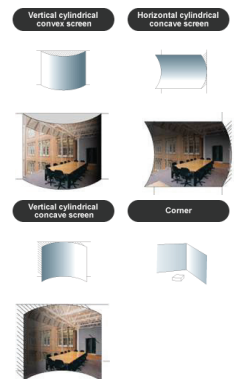
### 3D

When combined with active shutter glasses and 3D emitter, the 6700 Series Projectors create 3D images from a computer or Blu-ray player. The 6757W/6752WU/6762 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.

### 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.
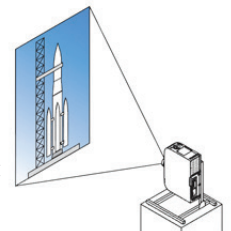
### Tilt-free

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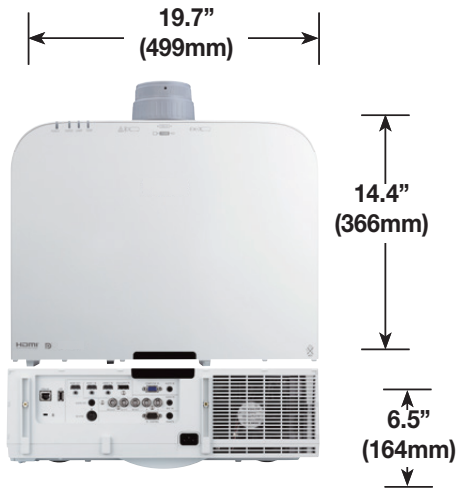
### Portrait mode

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.

**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

6757W
6752WU
6762

## Specifications for 6757W/6752WU/6762

### OPTICAL

| | |
|---|---|
| Display Technology | 6757W: 0.75" LCD with MLA<br>6752WU: 0.76" LCD with MLA<br>6762: 0.79" LCD with MLA |
| Light Output (lumens) | 6757W: 5700 normal<br>6752WU: 5200 normal<br>6762: 6200 normal |
| Resolution | |
|   Native | 6757W: WXGA 1280 x 800<br>6752WU: WUXGA 1920 x 1200<br>6762: 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 /<br>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 | 6752WU/6762: Mechanical -0.1 to +0.5 vertical,<br>+/-0.3 horizontal<br>6757W: 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 |
|   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, 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/<br>Standby-Power Saving) | 440W / 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 |
| NP02LM1 | Wireless LAN module |
| RMT-PJ37 | Replacement remote control |
| PW RCRD-PJPX | Power cable |
| RGBCBL-PJPX | RGB cable |
| NECECO | Projector recycling program, disposal certificate |

* 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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