

# DAKTRONICS



## V-Tour™ Event Controller

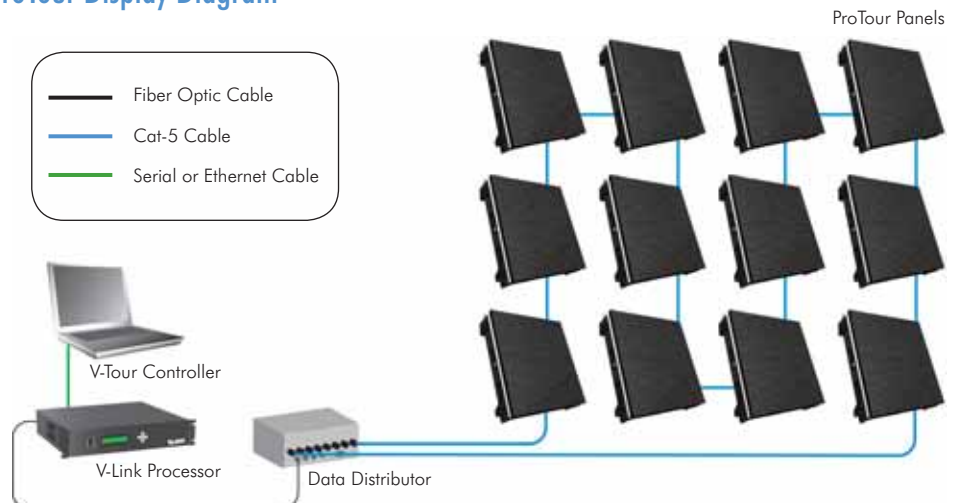
  
DAKTRONICS®



## V-Tour™ Event Controller

The Daktronics V-Tour event controller compliments the ProTour™ modular display system by featuring what-you-see-is-what-you-get management of display arrangements, image and brightness settings, video zone layouts and diagnostic functions that anyone can master.

### ProTour Display Diagram



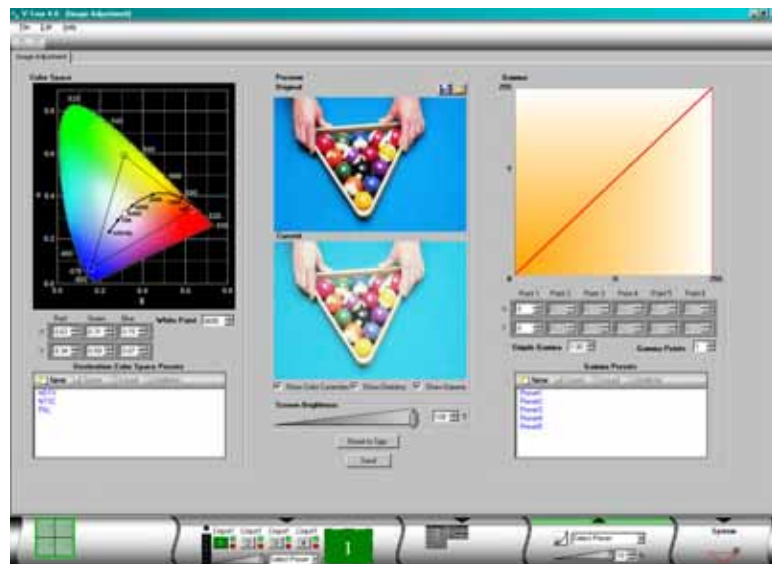




## Precision-Adjust Image Settings

Lighting conditions can vary drastically from site-to-site, from day-to-day and even from minute-to-minute. The V-Tour controller provides precise control of all display image settings, positioning users for success in any lighting situation. Graphical controls allow anyone to quickly refine picture levels and time-tested processing methods deliver consistent results event after event.

- Intuitive controls for hassle-free image refinement
- Storable settings for automatic recall at future events
- Proven imaging techniques for predictable results
- Gamma, brightness, color temperature and more



V-Tour color temperature adjustment



## Brightness



low brightness



high brightness

## Color Temperature



warmer color temperature



cooler color temperature

## Gamma



original image



gamma adjusted

### Precise Image Control

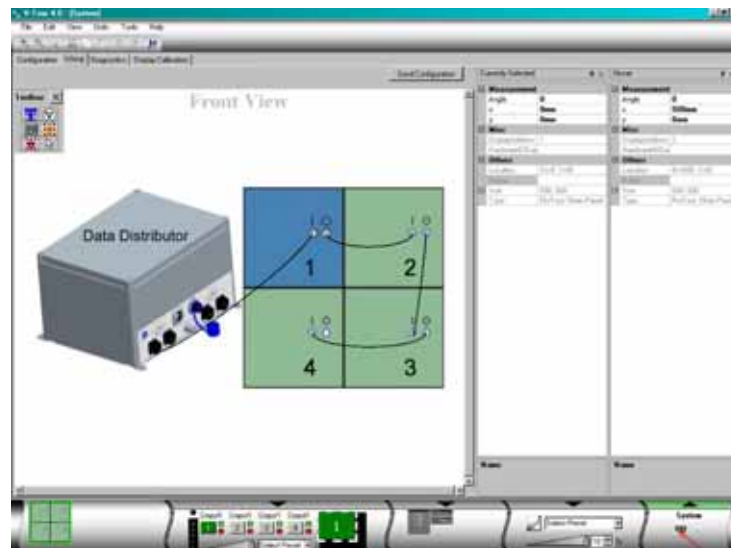
The V-Tour controller empowers users with the flexibility of modifying image settings. Convenient slide bars adjust brightness. Gamma or color temperature are modified using the mouse or by selecting a number. Once completed, the V-Tour controller can save settings for easy recall.



## Closed-Loop Communication

The V-Tour event controller taps into the closed-loop signal design of the ProTour display system to provide communication both to and from the video display. The result is a controller of unmatched intelligence that automatically monitors display operation during the event and provides feedback to the operator.

- Live status monitoring for peace-of-mind
- Instant notifications for proactive servicing
- Graphic presentation for easy interpretation
- Deliver panel updates for quick upgrades



V-Tour diagnostics



## V-Link® Processor Control

Coupled with the V-Tour controller, the V-Link video processor enhances image reproduction of a ProTour modular LED display. The processor handles custom aspect ratios, supports a wide variety of formats and features True Pixel™ processing for a brilliant image at every event.

- Adjust input capture size for any aspect ratio
- Define display zones for various processor inputs
- Layering/opacity control for individual inputs
- Multiple inputs enable independent image settings

### True Pixel Processing



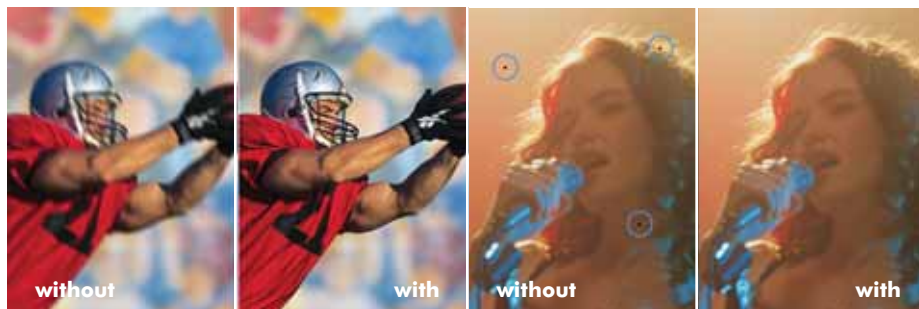
without  
color space conversion

with

without

with

adjustable gamma control



without

with

without

with

motion processing

3-D noise reduction

#### Color Space Conversion

Color space conversion changes NTSC and PAL color values to LED color values to ensure accurate color reproduction. The V-Link processor adjusts color for the LED color space and reduces color problems seen on other LED displays.

#### Adjustable Gamma Correction

Gamma correction protects detail in the darker and brighter areas of an image, avoiding a washed out or overly contrasted appearance.

#### Motion Processing

Motion processing measures the action in video images and adjusts processing to ensure smooth motion and blur-free images.

#### 3-D Noise Reduction

3-D noise reduction filters pixel data and matches it to pixel data on video frames before and after the image as well as the surrounding pixels.

[www.daktronics.com](http://www.daktronics.com)

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