

# Slocum Dual-projector cart instructions

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This dual-projection cart is configured to present a single video signal at 2800x1050 resolution. It is ideal for the parallel presentation of media files across the width of the projection, or for very large-format display of imagery.

At a projection distance of 10', an image surface of approximately 11' wide and 4' high can be achieved.

At a projection distance of 20' an image of approximately 19' wide and 7' high can be achieved.

This document contains instructions for both the **physical setup of the cart** and for the **setup of media files** for optimal display.

## Physical Configuration

To physically setup the projector cart for this format of presentation, please follow these steps.

\*\*\*NOTE: you will have the most successful results if you follow the remaining steps IN ORDER.

1. Turn on projectors.
2. Turn on computer.
3. Confirm that resolution of the two displays in windows is set to the native resolution of the projectors (2800x1050).  
right click on an empty part of the desktop  
choose "Properties"  
go to the "Settings" tab.  
click on Monitor 3, and choose 2800x1050
4. Turn off any digital keystone settings which were left by the prior user.  
for each projector, click on the projector's menu button  
select "Image Settings"  
navigate down to "V Keystone" and "H keystone" settings and make sure they are set to "0."
5. Physically position the cart to get the approximate projected image size.
6. After positioning the cart, move the zoom ring on the top of each projector lens to make the projected images each the same size and in approximate alignment.
7. After positioning the cart and setting the projector zoom, modify the physical orientation of the projectors themselves, as well as the front, right rear, and left rear feet to best align the two projected images on the wall.
8. Finally, modify the internal digital keystone of the projected images.  
for each projector, click on the projector's menu button  
select "Image Settings"  
navigate down to "V Keystone" and "H keystone" settings to get the projected images to appear orthogonally aligned on the wall.

## **Preparation of Media Files**

The PC is configured to see the double-wide projection area as a single desktop. Therefore, any media you wish to present, in any program, will automatically fill the full projected area when you enter full screen mode. This includes Quicktime movies, Powerpoint documents, pdf files, etc.

The most important factor in setting up media for optimal display using this system is to configure your files to maintain the proportion (in pixel resolution, page size, etc.) of the double-wide projection.

### **Pixel-based Images**

The 'native resolution' of the double-wide display is 2800x1050 pixels. Displaying pixel-based images at this resolution will optimize their quality when displayed full-screen.

### **Movie Files**

If you are working in animate media (animation files, video, etc.), the computer can only smoothly play back files at a resolution of approximately 1000 x 400. Movie files larger than this will begin to max out the processor and may likely skip frames.

### **PDFs and Vector Files**

If you are working with pdf or other vector-based file formats, you should setup your page size to maintain a width to height ratio of 2.7. A page width of 100", for example, would be about 37" tall.

### **Powerpoint**

For working in power point, there is a template file here ([LINK](#)) and on the desktop of the computer called "double\_template.pptx." If you open this file, a new, blank powerpoint document will be created with the appropriate screen ratio for the projection.