



## Projector Operating Information

### General Information:

The projectors are all capable of image inputs from computer/laptop sources, video (composite) from standard VCR's and S-Video from DVD players. Each of these sources has a separate input on the projector and the cables and projector are marked with the specific function/name.

Additional inputs include remote mouse control via the projector remote; this is achieved using either the USB mouse cable (preferred method) or the PS2 mouse cable. Audio input is available via the stereo 1/8th inch cable or RCA video 3 wire cable.

The projector should usually be positioned approximately 12 to 14 feet from the screen. After all hook ups and power on, move the project to a position that fills the screen.

### A: Cable hook up and power on sequence:

- 1) Hook up all cables you will be using between the laptop/computer and projector.
- 2) Power on the projector, allow 1 minute to come to full brightness. You should see a text message in the upper corner stating: Input A, Video, S- Video: No Input \*\*\* Input A is the computer/laptop input\*\*\*
- 3) Boot the computer \*\* if using a laptop use your external power supply, not battery only\*\*. If asked on boot up to install drivers for a new monitor select No. If asked to install drivers for USB mouse support or PS2 mouse support select yes. \*\*\* In some cases for mouse support you may need your Windows Disk\*\*\*
- 4) If at this time you do not see an image on the projector screen, but have an image on your local display you will need to turn on the computer/laptop monitor output. This is done by holding down the FN or function key (usually lower left on keyboard) and depress the F# key which has either the CRT/LCD or images of a small monitor. There are 3 settings for this; laptop screen on, both on and laptop screen off/projector on, just repeat the FN key and F# key to cycle through the combinations. Allow a few seconds between selections for the projector to receive signal and sync up.
- 5) Use the focus and zoom on the projector lens to set the image and depress the APA button on the projector to optimize the image.

### B: Image Adjustment:

- 1) You should now have an image on the screen. Things to look for at this time are focus, and sizing of the image to fit the screen. These are adjusted on the projector lens.
- 2) If you have a screen that is higher up than the projector and have to angle the projector up to hit the screen you will observe what is called a keystone effect (image is not a rectangle) This is adjusted with the projector remote, hit the menu key and use the scroll buttons to select scroll down, you will see 3 selections on the left side of the info screen, scroll down to the second icon, scroll right then down to keystone adjust, hit enter and you will be able to align the image sides to be vertical lines.

### C: Additional Features:

- 1) Remote mouse control, computer/laptop configuration and drivers may be needed. Allow time to test this function prior to the first presentation with this source.
- 2) Digital zoom, you can zoom in on a small portion of an image or text using the projector remote control zoom + or - keys.
- 3) Picture mute, use the projector remote to turn off the image on the large screen. This keeps the projector ready, but allows the presenter to focus attention on themselves, then return to projected image with no delays.

### D: Troubleshooting:

- 1) No image at projector. Do you see the Input text No Input? See Section A 4 then check VGA/Video/S-Video cable hook up.  
\*\* Push the remote menu key, if you see the menu the projector is functioning but not receiving a signal.
- 2) Image is not fitting screen. Use zoom on projector lens to adjust size, may also need to move projector to appropriate distance for screen size then fine tune with zoom.
- 3) Image is fuzzy. Use lens focus to adjust.
- 4) Image seems to be off the screen, shifted left or right. Depress the remote APA button, the image will optimize.
- 5) Image seems to be there but is fluttering/unstable. Check input cable; make sure it is completely connected on both ends.
- 6) In PowerPoint you have imbedded video but see the motion images as black and white, no color, but see color in the PowerPoint text. Make sure you have your laptop AC power supply hooked up and use the info in A4 to turn off your laptop LCD panel.
- 7) Audio is too low. Adjust from remote; you may need to turn up audio volume in your audio properties on the computer.
- 8) Remote wireless mouse will not work. Check cable then check Mouse properties in Control Panel.

**If your specific issue is not addressed here, call us at 866-595-3368 for assistance.**