

Laptop Computer Projection and Internet/Network Connection

Updated 3/4/04

Every laptop must have one of these connections to operate with our projectors:

15 pin HD female
BNC or RCA composite video
S video (limited to 12 feet from computer to projector)

We have the cabling required for our facility. We have a 15-pin adapter that works with older Macs. However, we cannot run USB connections unless you have the adapter that converts to 15-pin VGA. Bring all of the cables and adapters that come with your machine.

The optimum resolution is SVGA 800 X 600 or XGA 1024 X 768. Anything higher may be compressed causing part of the image to be beyond the viewable area of the screen among other possible text and color changes. Extremely high resolutions (1200 X 1600 & higher) may be entirely ignored by the projector.

If you are bringing your presentation on a disk to use on someone else's machine, **HAVE A BACKUP PLAN IN CASE IT WON'T WORK.** It happens far too often to take a chance.

The user must make sure to know how the external video/monitor output port is activated and that the machine **has not** been expanded to use more than one screen. Also, it must be checked to see that the laptop screen illuminates simultaneously with the external output. Most systems turn off the internal screen when an external monitor is plugged in. This is usually found by toggling the Function+F keys, or in the Control Panel or PowerPoint show setup menu. Many computers revert back to a default setting on shutdown and must be re-set for the external output each time. **YOU PROBABLY DON'T KNOW THIS:** *Macs will not show you this option window in the control panel unless it detects that it is connected to an external device. You must connect it to a projector to learn how to adjust the output.*

If a presenter is to access the Ethernet (SIU network), TCP/IP protocol using DHCP must be entered into the computer. We have the instructions to do that, but it is strongly suggested that you make these changes before you arrive. The computer must also have a network card installed with a RJ-45 jack or adapter. Use the instructions at one of these websites depending on your operating system:
Windows 95/98/NT/ME: http://www.infotech.siu.edu/telecom/dialup/enet_setup.htm.
Windows 2000/XP: http://www.infotech.siu.edu/csc/howto/windows/xp_ethernet.html

One can get on the Internet with a dial-up modem as long as there is an active phone line in the presentation room. Check with the Scheduling Office (618-536-6633) to see if there is an active phone line in the area. There may be a connection charge from Telephone Service.

Using the computer audio with either the LCD projector audio or the house sound system is possible. However, house sound is available only if arrangements have been made for it 10 days in advance.

Give me a call for more information at 618-453-3485 or email tomc@siu.edu

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