

LEARNING CENTER SMART CLASSROOM TECHNOLOGY OVERVIEW

PC PRESENTATION: The midtower computer system can be projected on the screen and viewed on the 15" tabletop "Symposium" monitor at the presenter console. The DELL PC has the following specs: Pentium 4 @ 3.2 GHz processor, 512 MB DDR2 RAM, 1024 X 768 graphics, stereo sound card, CD-R/W-DVD-ROM. Two front and two rear USB ports are available. The computer has a 10/100 network card with access to the campus Local Area Network. The software on the system includes: Windows XP, OFFICE XP (including POWERPOINT, ACCESS, WORD, EXCEL, etc.), Internet Explorer(with Service Pack 2), Netscape 8.0, Eudora 6.2, Wintegrate 6.0, Colleague, McAfee Antivirus 7.1, Novell, Quicktime 7, Adobe Acrobat Reader 7.0 Spybot 1.4, Samsung Presenter Camera software, Real Player 10.5, and Smart Software 9.1 (for electronic pen annotation of any windows application.)

Note: For security, the system is equipped with "Deep Freeze" software so anything saved to the "C" drive will be washed clean upon start-up. You may save to the CD-R/W drive or USB storage devices. If needed, a portion of the internal drive, called the "T" (thawed) drive can be used for storage on this computer. Remember to back up and remove all necessary data prior to shutting off the system. To find the "T" drive open the MY COMPUTER window. Sound from the computer is routed to the wall mounted stereo speakers, through an audio amplifier.

LAPTOP PC- Up to two "visiting" laptop computers can be connected to the system through an A/V harness. Laptops with a registered wireless network card or wired LAN card can access the BCC network. Stereo audio connections for visiting laptops are available at the console. An extra AC power outlet is beneath the counter.

SYMPODIUM-A combination computer monitor and writing tablet (known as Symposium) is located on the console surface. It allows electronic pen annotation over *Windows software applications*. It will display the desktop PC, the laptop, or the document camera signal, depending on which is selected. It will not display other signal sources like composite video from the VHS VCR or component video from the Sony DVD player.

VHS VIDEOTAPE PLAYBACK: Standard VHS and "Quasi-SVHS" videotape playback is possible with remote control from the tabletop Crestron touch control unit. Linear track and stereo AFM (HiFi) audio formats are supported. Sound will be directed to the wall mounted stereo speakers. (Surround-sound formats are NOT supported by the audio system)

DOCUMENT CAMERA-The "document presenter" station can project a high resolution and high magnification video image of any appropriately sized document, object, 35mm slide, or transparency. Images of dimensional objects like a calculator, watch, or palm-pilot can also be projected. Zoom, focus, rotation, and negative/positive inversion of the image are possible. Using the doc cam software on the PC, images can be saved (like a scanner) as JPEG or other file formats for recall or export to other applications.

DVD/CD/VCD PLAYBACK-Through the computer DVD-ROM *or* the rack-mounted hardware DVD player, audio Compact Discs, video DVDs and Video CDs (VCD) can be played. Both commercially-manufactured "pressed" discs as well as "burned" media will work. DVD surround sound imaging is not supported in this system, although Dolby Digital audio formats will "downmix" to a stereophonic output.

TOUCH SCREEN SYSTEM CONTROL PANEL- A wired desktop 5" touch panel controls the system. Touch the white start-up screen for seven seconds to activate the system. There is no password required.

DUAL AUXILIARY AUDIO & VIDEO HARNESES- Ancillary composite video sources can be connected such as a laser-videodisc player, a video game unit, or a camcorder. Auxiliary audio devices such as an IPOD, audiocassette player, or cell phone can also be connected if they have audio output jacks.

SECURITY FEATURES- Physical security includes both tri-groove tamper resistant screws on the rack mounted equipment and projector, in addition to a steel cable connected to the doc cam, computer, and Symposium. An electronic alarm system is routed through all major system components. The alarm system is networked but features a local beeping annunciator in the rack.

SYSTEM TRAINING-group or individual system training is available on request. More system details are available from Mark Schmidt, Manager, Distribution & Technical Services on x2464.