SMART CLASSROOM TECHNOLOGY OVERVIEW

PC PRESENTATION: The desktop computer system can be projected on the screen and viewed on the 15" tabletop Sympodium monitor at the presenter console. The PC has the following specs: Pentium 4 @ 2.8GHz processor, 256MB RAM, 1024 X 768 graphics, stereo sound card, CD/DVD-ROM , ZIP 750 & 3.5"floppy drives. Two front and four 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 Professional, MS OFFICE (including POWERPOINT, ACCESS, WORD, EXCEL, etc.), ADOBE ACROBAT READER, INTERNET EXPLORER, NETSCAPE, COLLEAGUE, REAL PLAYER, QUICKTIME, WINDOWS MEDIA PLAYER, EUDORA, MS OUTLOOK and FLASH.
Note: For security, the system is equipped with "Deep Freeze" software so you cannot save to the "C" drive. You may save to the 750 ZIP or floppy drives. If needed, a portion of the internal drive called the "T" drive can be used for long-term storage on this computer. Remember to back up and remove all necessary data with a removable disk prior to shutting off the system. Also note that the 750MB ZIP drive will read 750MB, 250MB and 100MB discs, but can only write to 750 and 250 discs.
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. If the laptop has a compatible "10/100" network card, and the necessary software set-up, access to the BCC network is possible. Stereo audio connections for visiting laptops are available at the console. An extra AC power receptacle is located on the wall behind the console.

SYMPODIUM-A combination computer monitor and writing tablet (known as Sympodium) is located on the console surface. It allows electronic pen annotation over *Windows 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 video.

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 (XGA) color video image (on the projection screen) 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 accompanying software on the PC, the unit can save images (like a document scanner) as JPEG or other image file formats, for recall or export to Powerpoint.

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-made "pressed" CDs and "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.

BROADCAST VIDEO SOURCES: Broadcast video sources from satellite, commercial CATV, and the BCC campus network "BluesNET" can be acquired and projected to the audience. BluesNET channels are accessible with the VCR tuner.

TOUCH SCREEN SYSTEM CONTROL PANEL: A wired desktop 5" touch panel controls the system.

OTHER AUDIO-VIDEO SOURCES: Ancillary composite video sources can be connected to the system such as a laser-videodisc player, a video game unit, or camcorder playback unit. Auxiliary audio devices such as MP3 players or cell phones can also be connected if they have a "line-level" signal output.

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.

Rev. 5/06 mschmidt