Instruction Manual for 1257 Computer Science

This room requires a key and passcode for audio/visual system operation. Contact Classroom Media Support 890-4900 or email the help desk

There is an on-line tutorial available on our website to introduce you to the touchscreen control system we use in all our AV classrooms.

Do the following FIRST for all uses.

1. Visit http://www.wisc.edu/support/ and click on the Training, Passcode, Key Checkout link. Be sure to sign up for a passcode at the end of the tutorial.
2. Obtain a key from Classroom Media Support, 890-4900
3. Unlock and open the podium door and doc cam drawer if needed.
4. If the podium touch panel is dark, touch anywhere on its surface to activate it.
5. At the Welcome page, press TOUCH HERE TO BEGIN.
6. Input your personal passcode and touch ENTER.
7. After the system warms up (about 30 seconds), the following screen will appear.

8. Press the volume up or down buttons to adjust the audio level. PROGRAM will control the volume for all audio sources (VCR, CD, laptop audio, etc). The MUTE button will temporarily disable the wall speakers and will flash RED when it is activated. Press the flashing MUTE button again to restore the audio levels to the room speakers.
9. Touch any of the Inputs along the top and side of the screen to activate that device. A control or preview screen will appear inside the current screen.
10. Touch the VIDEO PROJECTOR MUTE button to temporarily “black” the output of the video projector to the screen. The MUTE button will flash RED when it is active. Press it again to restore the video projector image.
11. On any page where there is a video preview window, touch inside the area of the video window to enlarge the picture to full screen size. Touch anywhere on the screen again to return to the control function page.
12. Contact the Help Desk for any problems or questions.

PROJECTION SCREEN

This room has a manual projection screen. Roll it up and down as needed.
**LAPTOP COMPUTER**

There are 2 sets of input cables on the desktop; an analog input with a vga video cable and a digital input with a DVI cable. Select the cable that works with your computer's output.

1. Press the ANALOG LAPTOP or DIGITAL LAPTOP icon on the touch panel (depending on the cable required by your computer). The LAPTOP INPUT page will appear.
2. Before booting up your laptop, connect the VGA or DVI VIDEO cable on the desktop to the MONITOR OUT port on your computer.
3. Connect the LAPTOP AUDIO pullout cable to your laptop headphone jack, if necessary.
4. Boot up computer and operate. Open your browser as usual.
5. If you require internet access, connect the LAPTOP NETWORK cable to your laptop’s network jack, if necessary. The classroom is also UW net wireless capable. This secure network requires a UW net ID and password.
6. Adjust PROGRAM VOLUME, if necessary, using the touch screen volume controls.
7. The projection screen must be raised or lowered manually.

**WORLD STANDARD S-VHS VCR**

This system has a Closed-Caption decoder, used to display the closed-captioning text encoded on some VHS videotapes. The VHS videotape MUST have closed-captioning capability; no captioning will be displayed if captioning is not encoded on the tape. Check the tape label or the box for the Closed-Caption (CC) symbol.

1. Select VCR on the touch panel. The VCR control page will appear. The image will be displayed in the video window.
2. Insert a VHS tape into the VCR.
3. Operate the VCR from the touch panel, on the VCR itself, or by the VCR remote.
4. Adjust PROGRAM VOLUME, if necessary.
5. Press REWIND or FFWD to search forward or back while playing the tape. Press PLAY to resume playing.
6. With the tape stopped, press FFWD or REW once and let go to fast forward. Press “STOP” or “PLAY” to cancel.
7. To display the closed-caption characters, touch Caption ON. To stop displaying the closed-caption, touch Caption OFF.

**DOCUMENT CAMERA**

1. Unlock the document camera drawer, and flip down the door. Slide out the document camera shelf, and pull UP on TEAL RING to set up. Consult the Document Camera Instruction Manual for more information. [http://www2.fpm.wisc.edu/support/Instructions/CompactDocCam.pdf](http://www2.fpm.wisc.edu/support/Instructions/CompactDocCam.pdf)
2. Select DOC CAM on touch panel. The Document Camera control and preview screen will appear.
3. Document camera may be operated from the touch panel control page, on the camera itself, or using the doc cam remote which is stored in the podium drawer.
4. Touch the ZOOM IN or OUT buttons to make the image larger or smaller.
5. Touch the FOCUS buttons to manually focus the image.
6. Touch the IRIS OPEN or CLOSE to make the image brighter or darker.
7. This document camera can store up to 9 different images for instant recall. Touch any one of the 9 STORED IMAGE buttons and hold that button for 3 seconds to store the current image. The document camera will beep and display “Stored Image X” when the image is stored in memory.
8. Touch briefly the STORED IMAGE button corresponding to the place where you stored the picture to recall that particular image. Touch this same button again to return to a live image.
9. Touch the ALL button to display a thumbnail of all 9 stored images. Touch the ALL button to return to a live image.
10. This doc cam can display 35mm slides on the slot built into the camera head. Call for more information.
11. The doc cam handheld remote has a built-in laser pointer for your convenience.

**DVD PLAYER**
1. Select DVD on the touch panel. The DVD player control and preview page will appear.
2. On the DVD player, press the OPEN button, and insert a DVD
3. Operate the disc player from the touch panel control page, on the disc player itself, or by the remote.
4. Touch DVD MENU to access the DVD’s menu.
5. Use the ARROW and ENTER buttons to navigate the DVD menu.
6. Adjust PROGRAM VOLUME, if necessary.
7. To skip to a different chapter on the disc, touch the PREVIOUS or NEXT buttons.
8. To scan the disc, touch the SCAN buttons.
9. Most DVD’s have captioning capability built into the disk. Consult the disk’s main menu and follow the commands on the menu page to turn captioning on and off.

CD PLAYER

1. Select CD on the touch panel. The CD player controls will appear.
   NOTE: Selecting CD will switch the audio ONLY- the current video source, if one has been selected previously, will continue to be projected on the screen. The audio will now originate from the CD player.
2. On the DVD/CD player, press the OPEN button, and insert a CD
3. Operate the CD player from the touch panel control page, on the CD player itself, or using the CD player remote control stored in the drawer of the podium.
4. Adjust PROGRAM VOLUME on the touchscreen, if necessary.
5. This CD can play regular CDs, CD-R, CD-RW, and can play MP3 files.
6. To skip to a different track on the CD, touch PREVIOUS or NEXT.
7. To scan the CD, touch SCAN forward or back.
8. Input a track number and press enter to move directly to that track.

ROOM LIGHTS

1. Room lighting can be controlled by the wall switches near the entrance door or by selecting the light bulb icon on the touch screen. All four light banks can be turned on and off from the touchscreen as well as the wall switches.

SYSTEM SHUTDOWN

1. Put away the document camera, if used.
2. Eject the videotape from the VCR, or any CD’s /DVD’s from the player, if used.
3. Return all remote controls to drawer in podium
   1. Touch SYSTEM OFF on the touch screen’s lower right corner.
   2. A warning screen will pop up with 3 options. Touch LOG OFF if you want to log yourself out but not turn off the AV system for the next user.
   3. Touch SYSTEM OFF to shut the system down completely.
   4. Touch CANCEL to stay logged in and return to the main touchscreen control page.
   5. CLOSE AND LOCK the podium door and the document camera drawer if you are done for the day.

   Once the system is shut down, the video projector CANNOT be powered up for 2 minutes. This is to save the life of the projector lamp and equipment. You can log in again as soon as the welcome page returns.

TROUBLESHOOTING

GENERAL
   -No picture from video projector
      Select a different input, like doc cam, then switch back to desired input.
If the PROJECTOR MUTE button is flashing, touch PROJECTOR MUTE to turn off muting. If necessary, restart the system by pressing SYSTEM OFF and log back in when the welcome page appears.

WHEN USING PC LAPTOP:
- Picture on laptop screen, but no picture on projector--
  Perform an External Video Send. Consult the chart at the Classroom Media Support website: http://www2.fpm.wisc.edu/support/troubleshooting/Laptop.htm if you are not sure what the command is for your computer. Dell PC’s use the FUNC and F8 keys.
  MAC users need to select the display menu from system preferences and press DETECT DISPLAYS from the menu and select MIRRORING from the appearance tab.
- Projected image is overshooting the right or bottom of the screen—
  Make sure your laptop’s screen resolution is set to 1024 x 768 to match the projector’s native resolution.
- No audio from laptop computer--
  Verify that the audio cable is plugged into your laptop’s headphone (NOT MIC) jack and you have laptop selected as your input source on the touchscreen.
  Turn up the audio settings on your computer. Make sure that the Master volume and the source volume (Wave, CD) levels are NOT muted and are turned up to the higher end of the volume scale on your laptop.

FOR THESE OR OTHER PROBLEMS, PLEASE CONTACT THE CLASSROOM MEDIA SUPPORT HELP DESK  890-4900