SEC Classroom Technology Guide

In general, the teacher console lectern technology in SEC classrooms will feel very familiar to instructors who use our Gillmor classrooms. The touch-screen “flip-top” controller interface is based on Gillmor classrooms, and the PC, Doc Cam, and laptop connections are the same. Video media will need to be DVD based and played using the PC - the combo deck is no longer available.

There are 4 “flavors” of teacher lectern feature sets to be aware of.

**BASIC CLASSROOM**

One Projector; two lectern monitors.

Boot the PC, if necessary, using the power button.

Press the “Display On” hard button on the right side of the TLP Flip-Top control panel to lower the screen and start the projector. A “Warm-up in progress” screen will appear on the touch screen. Note: if you don’t need the projector, you can press a source button directly for playing audio only.

Select a source using the hard buttons: PC, Laptop VGA or HDMI, or Doc Cam. A confirmation screen will appear. The source image will appear on both desk monitors and the projector screen.

If PC source is selected, the lectern monitors will show main and extended desktop. The projector screen will show the extended desktop.

A “Blank” button is available on the touch screen to temporarily turn the projected image black.

Independently raise or lower the projection screen by pressing the Screen Up/down toggle button.

The “Auto Image” hard or soft button will auto-correct many projector display issues.

Adjust sound volume with the “Volume Up” and “Volume Down” hard buttons. A level confirmation page will appear on the touch screen.

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At the end of the class session, shut down the projector with the “Display Off” hard button.

**BASIC CLASSROOM WITH SOUND REINFORCEMENT/ALS**

One Projector; two lectern monitors, lavlier microphone, ALS receivers.

This classroom is supplied with a wireless lavalier microphone. The signal feeds ceiling mounted speakers in the back of the classroom (to extend the range of the instructor’s voice) as well as Assisted Listening System transmitters for students with hearing assistance needs.

See BASIC CLASSROOM for common controls.

**ADDITIONAL CONTROLS**

Press the “Levels” hard button to access the audio volume control page. Independent control of source volume and microphone volume is available. Either source or microphone can be muted.

**CLASSROOM WITH DUAL PROJECTORS: BASIC MODE**

Two projectors, two lectern monitors.

Most SEC classrooms are equipped with dual projectors to improve screen viewing for all students. In Basic Mode, the same source will be displayed on all displays: the 2 projector screens and the 2 teacher lectern monitors. Left and Right is “as you face it”, monitors or screens. If PC source is selected, the lectern monitors will show main and extended desktop. Screens will show extended desktop.

See BASIC CLASSROOM for common controls.

**ADDITIONAL CONTROLS**

Independently raise or lower the left or right projection screen by pressing the Screen Up/down toggle buttons.

A “Blank” soft button is available on the touch screen to temporarily turn the left or right projected image black.
CLASSROOM WITH DUAL PROJECTORS: ADVANCED MODE
Two projectors, two lectern monitors, independent sources.

Pressing the unmarked hard button on the TLP controller provides hidden access to the multi-image features of the ADVANCED MODE.

All Dual Projector Classrooms have been configured for classes requiring the ability to show different images on the two projection screens. Advanced controls allow sending a unique source to each projector and each monitor on the teacher lectern. This also makes it possible to work on the PC using the teacher lectern monitors, while showing other images to the students via the projectors. The default desk monitors display is the PC main and PC-extended desktop. If only one source is required on all screens, the TLP controller can function exactly as it does in the BASIC CLASSROOM MODE, using the hard buttons to select a source.

See BASIC CLASSROOM MODE for single-source projection controls.

ADVANCED CONTROLS

Press the lower left unmarked hard button to access ADVANCED controls.

On the touch screen confirmation page press the “NO” button to return to Basic mode. Touch “YES” to access the source selection page.

Press the desired source button on the touch screen. The screen advances to a destination selection page.

Press the desired destination button on the touch screen. Left and Right is “as you face it”, monitors or screens. The screen advances to a confirmation page.

Press “YES” to access the source selection page again, if you want to make additional source and destination choices.
Press another source button on the touch screen. This can be the same or a different source from the one chosen previously. The screen advances to the destination selection screen.

Select a different destination button on the touch screen. The screen advances to the confirmation page. Select “YES” again, until all screens are set to your liking.

Press “NO” when you have finished configuring the screens and monitors. The touch panel will advance to an information page.

A “Blank” soft button is available on the touch screen to temporarily turn the left or right projected image black.

Independently raise or lower the left or right projection screen by pressing the Screen Up/down toggle buttons.

Return to basic mode with one source on all screens by simply selecting a source on the TLP hard buttons.

**DUAL PROJECTORS CLASSROOM WITH SOUND REINFORCEMENT/ALS**

Two projectors, two lectern monitors, independent sources, lavalier microphone and ALS system.

The classroom is supplied with a wireless lavalier microphone. The signal feeds ceiling mounted speakers in the back of the classroom (to extend the range of the instructor’s voice) as well as Assisted Listening System transmitters for students with hearing assistance needs.

See BASIC DUAL PROJECTOR CLASSROOM for common controls.

**AUDIO CONTROLS:**

Independent control of source audio and lavalier microphone levels and mute is accessed by the VOLUME and MIC LEVEL hard buttons.
To turn off, press the power button briefly once, then a second latter, briefly again. The blue LED should turn off.

Press the VOLUME hard button to access the source audio control page. The source audio can be muted.

Press the MIC LEVEL hard button to access the microphone volume control page. The microphone audio can be muted.

**Document Camera**
SEC classrooms are supplied with an Epson Document Camera. Functions are intuitive, and the head folds compactly when not in use.

Lift and rotate the camera head 90 degrees.

Press the large power button briefly to turn on the Doc Cam. A small blue LED indicates the Doc Cam is on.

Adjust the zoom controls.

Press the Focus button briefly to cycle the auto focus.

A slide switch on the camera head turns on a document light.

Press the VOLUME hard button to access the source audio control page. The source audio can be muted.