Fort Edward
Distance Learning Classroom

Touch Panel User Guide

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Welcome Screen

The Welcome Screen is the first screen that you will see if the system had been shut down at the end of the prior session.

If your touch panel screen is black it is most likely in sleep mode.

Touch the face of the panel and this screen should appear.

![Welcome Screen Image]

Welcome to the Fort Edward Central School Interactive Telecommunications Classroom

Press Here to Begin

Touch the screen again to proceed.
Session Type

For a distance learning session, select **Fiber Network Session** by touching that button on the Session Type screen.

You will automatically proceed to the next screen.
Teacher Camera Controls

The Teacher Camera Control screen (shown below) appears as the default screen.

The buttons on the bottom of the screen are similar to a tool bar and appear on most screens selected.

Touch the button for the equipment you want to control or the function you want to perform.
Teacher Camera Controls continued

Preset Controls
Touch one of the numbered Preset buttons to move the camera to an established, preset position.

Store
This button is only used when establishing or changing presets. It will erase previously established Presets.

(For detailed information about establishing or changing Presets see the notes and instructions beginning on page 13 of this section.)

Pan/Tilt Controls
Touch the triangles [ ▲ ▼ ] that point up, down, right, and left, to pan and tilt the Teacher Camera to any desired position.

Zoom Controls
Touch Zoom In to zoom the camera in tighter or Zoom Out to zoom the camera out further.

Auto-track Controls
Touch Auto Track Tight or Auto Track Wide to activate the camera tracking feature. Auto Track Off will deactivate the tracking system. More information about the Auto-track feature is in the Teacher Camera section of this guide.

Iris Controls
The Iris controls can be used to lighten [ Iris + ] or darken [ Iris - ] the image from the Teacher Camera.

Tool Bar Buttons
All other buttons will take you to screens indicated by the text.
Student Camera Control Screen

Pan / Tilt / Zoom Controls
Operate these controls the same as you would for the Teacher Camera.

Preset Controls
Operate the Preset Controls the same as you would for the Teacher Camera.

Cover is a special Preset that should be adjusted to a camera position that is just wide enough to allow all of the students to be seen in one shot.

Store is only used when establishing or changing presets. It will erase previously established presets. (For detailed information about establishing or changing camera position presets, see the Presets instructions beginning on page 13 of this section.)

Utilities will take you to that control screen (see page 11).
Quad Display Control

Pressing the **Quad Disp** button will activate the Quad Display control.

You are able to choose an individual site to be displayed full width on the projection screen or all four sites together, displayed in a quad split.

**It is important to note that, with the exception of South Glens Falls, no other school in the BOCES DL Program has a screen as large as yours.**

**When you are presenting to other schools keep in mind that the images they see on their monitors are much smaller than the images you see. Keep your images as large as possible and fill the screen.**
Play VCR Control Screen

The Play VCR is the top VCR of the two located in the teacher podium.

**Video Tape Controls**

- Rewinds the videotape.
- Plays the videotape.
- Fast-forwards the videotape.
- Ejects the video tape
- Stops the videotape.
- Pauses the videotape.

**VCR Room Volume Control** controls the level of volume that you hear and transmit to the receiving classrooms.

**Tuner** is for control of in-room cable TV that may be installed in the future.

**Record VCR** will take you to controls for the record VCR.
Computer and Auxiliary Controls

When you select the computer or an auxiliary video source (such as a camcorder or DVD player), you will see one of these screens.

Computer – Auxiliary Volume Controls

If you have an auxiliary audio source input into the rack, or if you have the computer selected, you will be able to control the volume from those sources at these screens.

NOTE: If you excessively increase the volume levels it may cause echo or other audio disturbances. (See page 12 for detailed information on volume control.)

If you adjust the output volume controls that are on the individual pieces of equipment (computer, camcorder, DVD, etc.), it will affect both the room volume and the transmitted audio level.

All other adjustments for the computer or auxiliary equipment should be made at the individual equipment.
Record VCR Controls

When you select the Record VCR button you will see the screen below.

The Record VCR is the bottom of the two located in the teacher podium.

**Site Recording Controls**

Touch **Local**, **Site A**, **Site B**, or **Site C** to record the video from that particular site.

**Recording will continue, even if you leave this screen**, until you return to the Record VCR control screen and press **Stop** or your tape reaches the end.

Note: While you record only one video source at a time, you record **all audio from all sites in the cluster** onto the tape.
Utilities

Panel Adjustments allow you to control the brightness and contrast of the touch screen display.

Audio Controls
Touching Audio Privacy will turn off or on (depending on its position) all microphones in your room. You will still be able to hear remote sites, but they will not hear you. When activated, Audio Privacy will flash on the touch screen. Touching the [+] or [-] adjusts the overall volume in your room.

Site Volumes will take you to the volume control screen where you can adjust individual site volumes. See Important Note beginning on page 12.

Default will return overall room volume to the default level.

System Controls these buttons function as indicated by their labels.

Disable Student Microphone Buttons turns off student control of the push-to-view feature.

Adjust Microphone Presets will take you to the Student Microphone Presets screen (see page 15).
Remote Sites
The incoming volume of each individual remote site can be adjusted with the controls under the appropriate label, Site A, Site B, or Site C. Adjustments are made with the [ ▲ ] and [ ▼ ] buttons.

Room Speakers control the overall volume in the room.

Individual student and teacher microphones are automatically set in this room and volumes are reset to the default adjustments (50%) whenever the room is powered down. This is not the case in every school on the DL network. Some schools have manual control of their individual microphone volumes.

IMPORTANT NOTE REGARDING AUDIO ECHO

A common cause of echo is the excessive increase in site audio levels in an attempt to compensate for an individual who is speaking very softly and/or leaning back from their microphone.

The solution is to have the individual speak in a normal tone of voice and sit closer to the microphone.

If the individual is at a remote site that has individual microphone controls, you can request that the remote site increase only that microphone level. Please note that any adjustments you make to your volumes in your session may not work well in subsequent sessions.
Camera Presets

Presets allow the convenient and quick choice of regularly used camera views by selecting one of the Preset buttons (instead of having to pan, tilt, and zoom in or out to a desired view each time.)

There are three types of camera presets that can be established, Teacher Camera Presets, Student Camera Presets and Student Microphone Presets. The procedure is similar in each case.

1. Teacher Camera Presets

Note: Preset 1 should be set as a fairly close shot of the instructor behind the teacher desk. However, Presets can be set to any camera shot based on your needs.

To establish or change a teacher camera preset:

A. Select (press) one of the numbered Preset buttons.
B. Pan, tilt, and zoom the camera to the shot that you want by using the triangles and the Zoom In and Zoom Out buttons.
C. Press Store.
D. Press that same Preset button again.
2. Student Camera Presets

The student camera presets are established so the teacher or the aide can select preset student camera views using the Student Camera Control screen on the touch panel.

To establish or change a student camera preset:

A. Select a Preset or Cover Shot at the right of the screen. (The Cover Shot should be just wide enough to allow all students to be seen in one shot.
B. Pan, tilt, and zoom the camera to the shot that you want by using the triangles and the **Zoom In** and **Zoom Out** buttons.
C. Press **Store**.
D. Press that same **Preset** button again.
3. Student Desk-button / Microphone Presets

The teacher or teaching assistant can select Preset close-ups of students from the touch panel.

Students can press a button on their microphone that will automatically change the student camera view to their **Preset** close-up.

**Student Control of this feature can be activated or deactivated at any time at the discretion of the teacher. (See Disable Student Microphone Buttons on page 11 of this guide.)**

To establish or change an **Individual Microphone Preset**:

A. Select (press) the appropriate numbered **Individual Microphone Preset** button at the right of the screen corresponding to the student position.
B. Pan, tilt, and zoom the camera so that the view is properly adjusted.
C. Press **Store**.
D. Press that same **Preset** button again.