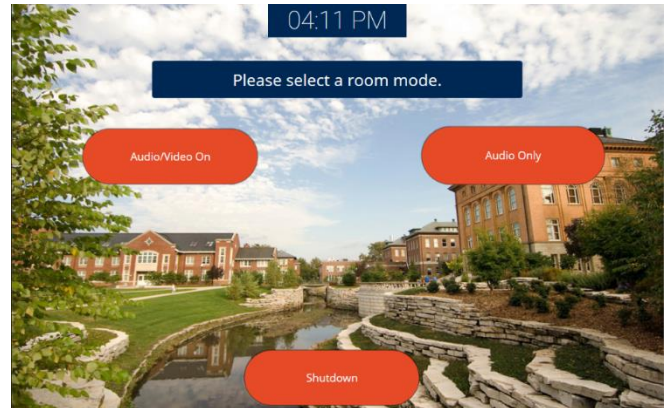# ESB 190

Turning the System On

- Press the <u>touch panel display</u> to wake the system.
- Select a **Room Mode**
  - ○ Audio/Video On
  - ○ Audio Only
- Both projectors will begin powering up.
- Once the system has finished starting up, select which input you want to use.

Using the Resident PC

- Press the **[PC]** button on the touch panel, and move the computer's mouse to wake it up.

Using Laptop / HDMI Dual

- Connect your device to the **[HDMI]** and/or **[USB-C]** cable on the podium.
  - ○ **USB-C** *(LAPTOP)* connects to <u>Projector 1</u> and **DOES** send audio to the room.
  - ○ **HDMI** *(EXPERIMENT)* connects to <u>Projector 2</u> and does **NOT** send audio to the room. *This is the "Experiment stream"*
  - ○ To use both projectors, you must connect **BOTH** the **USB-C** and **HDMI** cables to your device.

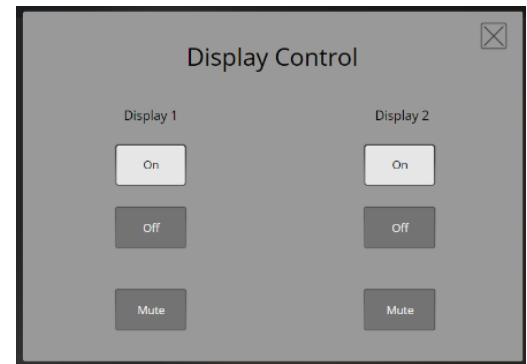- Select the **Laptop / HDMI Dual** on the touch panel.

Using AUX HDMI

- Connect your device to the **[HDMI]** cable on the podium. *(AUX-HDMI)*
  - ○ **HDMI** *(AUX-HDMI)* connects to **both** <u>Projectors</u> and **DOES** send audio to the room.
- Select the **AUX HDMI** input on the touch panel.

Note: Depending on your laptop model, you may need an adapter. Adapters can be borrowed on short term loan (4hrs.) from an Engineering IT Help Desk.

Display Control

- This Menu controls the **Power** and **Mute** functions of the Projectors individually.

NOTE: Since both projectors power on when initiating the system, this menu allows access to MUTE or POWER OFF projectors separately.

Adjusting Volume

- **Program Volume** adjusts the levels coming from the selected device.
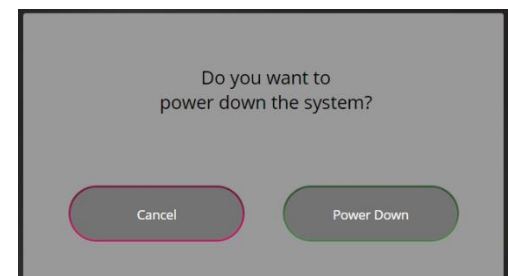- **Mic Volume** adjusts the levels of the wireless microphones located in the room.

Camera Control

- Connect USB cable labeled *(MIC/CAM)*
- On the touch panel select **Camera Control**:
    - Sets the rear camera on the WIDE preset.
    - Sets the rear camera on the TIGHT preset (close up on speaker at AV podium).

Turning the System Off

- Press the display **[SHUTDOWN]** button on the top right of the touch panel.
- Press **[SHUTDOWN]** on the touch panel to confirm system shutdown.

Using the ESB 190 Conferencing System

The ESB 190 conferencing system is built into the room to operate on the **Resident PC** and **Laptops**. If using the conferencing system with your **laptop**, please ensure that the labeled **USB** cord (labeled **MIC/ CAM**) on the podium is plugged into your device and the correct device is selected on the touch screen.

Using the conference system with Microsoft Teams

- Open a Microsoft Teams invite (if it's not already running) and sign in (if it's not automatic).
- Before you click "Join Now":
    1. Click on **Custom Setup**.
    2. Select the appropriate **Speakers** and **Microphone** for the room – see the devices table below.
    3. Scroll down and select the appropriate primary **Video** device – see the devices table below.
- Or, if you've already joined the meeting:
    - Verify the audio and video settings:
        1. Click the three dots in the top right (above "More"), then select **Settings**.
        2. In the Settings Window, select **Device Settings** from the left menu.
        3. Select the appropriate **Speakers** and **Microphone** for the room – see the devices table below.
        4. Scroll down and select the appropriate primary **Video** device – see the devices table below.

Using the conference system with Zoom

- Open Zoom and sign in using SSO (Illinois.zoom.us)
- Verify the audio and video settings:
    1. Click on your user icon in the upper right corner of Zoom, then select **Settings**.
    2. In the Settings window, select **Video** from the left menu.
    3. Select the appropriate primary video device for the room – see the device table below.
    4. Ensure that the other video settings match your preferences.
    5. In the Settings window, select **Audio** from the left menu.
    6. Select the appropriate **Speaker** and **Microphone** for the room – see the device table below.
    7. Ensure that the other audio settings match your preferences.
- Place your call or join your meeting.

Camera Device	Speaker Device	Microphone Device
USB Capture SDI 4K +	**ExtronScalerD (Extron HDMI (3- HD Audio Driver for Display Audio)**	**Echo Cancelling Speakerphone (TesiraFORTE)**