What is a Crestron?
The Crestron is a touch screen panel which provides complete control of the electronic and mechanical devices in the classroom through clearly marked buttons and a touch screen display. Through the Crestron, you have control of such equipment as the projector, Blu-ray/DVD player, document camera, and more. This self-help document will guide you through how to use the Crestron.

Turn on the Crestron
1. Press the START button on the Crestron to begin (Fig 1, 1). The Towson Logo should appear. If it does not appear, press on the Crestron screen (Fig 1, 2) with your hand.
   • If there are any announcements, they will display on the Crestron Screen. These announcements will be visible for 1 minute.
   • After reading any announcements, a Continue button will be appear at the bottom of the Crestron screen. Press this button to continue.
2. The **Welcome Screen** will appear (Fig 2, 1) with instructions on how to proceed.
3. Press the **PROJECT** button to turn on the projector (Fig 2, 2). The projection screen will automatically come down.
4. The **Projector Status** screen will appear (Fig 3). It will take the projector 30 to 45 seconds to come up.

⚠️ If you press the **PROJECT** button again, a message will inform you that the projector is already on.
5. Press the **SOURCE** button (Fig 4, 1) on the Crestron. Under **Left or Single Image**, choose a source by pressing the appropriate button (Fig 4, 2).

*Note: You cannot have the same **SOURCE** chosen under **Left or Single Image** and **Optional Right/Dual Image**. If **Computer** is chosen under **Optional Right/Dual Image**, choose another source in this area such as **Laptop**. You can then choose **Computer** under **Left or Single Image**.*
Choose a Single Source

The projector has dual image capabilities. This means you may see two images from two different sources projected at one time. We will address Single Image Projection first. Dual Image capabilities are covered on page 10.

**Computer**

1. Press **Computer** as your source (Fig 1, 1) under **Left or Single Image** if you wish participants to view items within a software package. For example, a Word document, Excel spreadsheet, PowerPoint presentation, or possibly a YouTube video from the internet.

2. Open the software package of your choice. Anything you bring up on the computer monitor will be displayed through the projector.

**Laptop**

1. Press **Laptop** as your source (Fig 1, 2) if you wish participants to view items within a software package which is located on your laptop.

2. Be sure to plug the laptop/VGA connector into your laptop via the hardware USB component located at the bottom of your desk.

*Figure 1*
**WolfVision Document Camera**

The Document Camera is used to project images of documents, books, transparencies, 3-D objects, etc. on the screen. The document camera takes the place of an overhead projector. Dual image capabilities will be covered on page 10.

1. Open the drawer on the right side of the instructor’s station to reveal the document camera.
2. Pull the arm upwards by using the **pull tab**.
3. Turn the **camera head** to a working position by rotating it up so you can see the display panel on the camera head.
4. From the **SOURCE** screen on the Crestron, press the **Document Camera** button (Fig 2, 1) under **Left or Single Image**. The **WolfVision Document Camera** will power on automatically.
5. Place whatever you wish to project (document, book, transparency, etc.) on the WolfVision surface (stage).
6. On the Crestron, press the **Controls** button (Fig 2, 2) beside **Document Camera**.
7. The **Document Camera Control Page** will appear (Fig 3). You have the following options:
   - **Lamp** - Turn the Lamp **On** and **Off** as needed by pressing the appropriate button (Fig 3, 1).
   - **Zoom** - Press the **In** button under **Zoom** to zoom in further. Press the **Out** button under **Zoom** to zoom out further (Fig 3, 2).
   - **Focus** - After zooming in and out on an object, it may be necessary to focus. If you press the **Auto Focus** button (Fig 3, 3), the WolfVision will focus automatically (recommended). You may also press the + and - to focus manually (recommended for 3-D objects) (Fig 3, 4).
8. Press the **Previous Page** button (Fig 3, 5) to return to the **SOURCE** page on the Crestron.
**DVD/Blu-ray**

1. The DVD/Blu-ray recorder is located in a peek-a-boo window in the front of the instructor’s podium.
2. Place your DVD/Blu-ray in the recorder.
3. From the **SOURCE** screen on the Crestron, press the **DVD** button under **Left or Single Image**.
4. Press the **Controls** button. The **DVD/Blu-ray Control Page** will appear (Fig 4).
5. Use the clearly marked buttons to control your DVD/Blu-ray.

6. Press the **Advanced Menu Controls** button (Fig 4, 1).

7. The **DVD/Blu-ray Advanced Control Page** will appear. The colored buttons correspond to the new standard for remote controls with Blu-ray players. What they do depends on the particular Blu-ray disc being used (Fig 5).
8. Press the **Previous Page** button twice to return to the **SOURCE** screen on the Crestron.
**TV Control**

1. Press the **TV** button from the **SOURCE** screen on the Crestron under *Left* or *Single Image*.
2. Press the **Controls** button. The **TV Control Page - Keypad** screen will appear (Fig 6).
3. Use the clearly marked buttons to change the channel.
4. Press the **TV Presets** button (Fig 6, 1). The **TV Control Page - Presets** page will appear (Fig 7).

5. Press the **Previous Page** button (Fig 7, 1) twice to return to the **SOURCE** screen on the Crestron.
**Screen Control**

1. Press the **SCREEN** button on the Crestron (Fig 1, 1).
2. The **Screen Control Page** will appear.

![Figure 1](image)

3. Press the clearly marked buttons to control the **Screen**.

**Microphones**

By default, the podium microphones are turned off.

1. Click the **MICROPHONES** button (Fig 1, 1) on the Crestron. The **Microphones** controls page will appear.
2. If you wish to use the **Podium Microphone**, press **Use** under that selection (Fig 1, 2).
3. Press the **Previous Page** button (Fig 1, 3) to return to the **SOURCE** page.
Volume

1. Press the VOLUME button on the Crestron (Fig 1, 1). The Master Volume Control screen will appear.

2. Press the + to increase the volume and the - to decrease the volume (Fig 1, 2).

3. Press the Mute button to turn off the sound (Fig 1, 3).

4. Press the Advanced Volume Control button to control the volume of other sources (Fig 1, 4). The Advanced Volume Control Page will appear (Fig 2).

5. Press the + to increase the volume and the - to decrease the volume of the clearly labeled sources.

6. If you have an MP3 player, press the Listen to MP3 Input button (Fig 2, 1).

7. Press Return to Source Select Page (Fig 2, 2).
Help
1. Press the **question mark** in the upper right hand corner of any screen on the Crestron (Fig 1, 1).
2. The **Help** screen will appear (Fig 2).

Dual Image Capabilities
The projector has dual image capabilities. This means you may see two images from two different sources projected at one time.

1. Click the **SOURCE** button on the Crestron (Fig 1, 1).
2. Under **Left or Single Image**, press a source such as **Computer** (Fig 1, 2).
3. Under **Optional Right/Dual Image**, press a source such as **Document Camera** (Fig 1, 3).
4. Press the **Dual Image** button (Fig 1, 4) at the bottom right of the screen. Both images will appear on the screen.
5. Press the **Dual Image** button again to turn off the feature. It is a toggle switch.
No Show
Press the NO SHOW button (Fig 1, 1) to hide the projected image. Press the NO SHOW button again to display the image again.

No Sound
Press the NO SOUND button (Fig 1, 2) to turn off all the sound in the room. Press the NO SOUND button again to turn the sound back on.

Finish
1. Press the FINISH button on the Crestron.
2. Press the Yes button to the question Are you finished using the audio/visual control system?
3. The System is powering off screen will appear (Fig 2).
4. Make sure you logoff of the computer.