Cramer 120
User Manual

Table of Contents
Diagram of Equipment...........................................................................................................2
If the desktop monitor is not responding...........................................................................3
Using the Crestron Control Panel......................................................................................4
Turning on the Projectors.................................................................................................5
Connecting a laptop............................................................................................................6
Using the LCD Display.......................................................................................................7
Using the lavalier microphone...........................................................................................8
Using the Apple TV ...........................................................................................................9
Turning on sound...............................................................................................................10
Using the Document Camera............................................................................................11
Shutting down the system...............................................................................................15

For additional assistance, please call ACT @ (575) 835 - 6688
If the desktop monitor is not responding...

Determine if the monitor is receiving power by checking the power button indicator

<table>
<thead>
<tr>
<th>If the power button is:</th>
<th>The monitor is:</th>
<th>Solution:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Green</td>
<td>Working Properly</td>
<td>N/A</td>
</tr>
<tr>
<td>Flashing Green</td>
<td>Warming up</td>
<td>Wait a few minutes for the monitor to warm up</td>
</tr>
<tr>
<td>Solid Amber</td>
<td>Computer is asleep</td>
<td>Move the computer mouse or press the space bar to wake the computer up</td>
</tr>
<tr>
<td>OFF</td>
<td>Not receiving power</td>
<td>Turn on the monitor by pressing the power button</td>
</tr>
</tbody>
</table>
Getting to know the Crestron Control Panel…

This devise allows you to control the projectors, sound, and document camera.

- Shuts down the system
- Controls Projector 1 located on the left
- Controls Projector 2 located on the right
- Controls the LCD Display located on the wall
- Admin use only
- Increases the volume
- Decreases the volume
- Mutes the sound

Provided by Academic Center for Technology
How to turn on the projectors...

The following steps will turn on the projectors and bring the projector screens down

1. To turn on the projectors, press the button labeled “PRJ1” or “PRJ2” on the Crestron Control Panel this will turn on the projector and lower the screen.

2. Next on the input menu choose the desired input (Desktop, Doc Cam, Laptop, etc..) you would like to project.
How to connect a laptop to the projectors...

When using a Macbook, an adapter will be needed; contact ACT for assistance

1. Follow the instructions on how to turn on the projectors and choose the input Laptop.

2. Once you select laptop, the two options HDMI and VGA will appear.
How to turn on the LCD Display...

The LCD Display will automatically turn on and is located on the East wall

1. To turn on the projectors press the button labeled “DISPLAY” on the Crestron Control Panel, this will also turn on the LCD Display

2. Next on the input menu choose the desired input (Desktop, Doc Cam, Laptop, etc..) you would like to project
Using the Lavalier Microphone...

If your presentation is being recorded, the lavalier microphone needs to be used to amplify your voice. Attach the microphone to the collar of your shirt and place the receiver in your pocket.

Turning on the microphone:
1. Push the two clutches to open the battery compartment cover
2. Press the ON/OFF button
3. The display will light up with the LCD lights displaying the “Frequency/Name” and battery level
4. Make sure the microphone is not on mute. The mute switch is located on the top of the receiver.

When finished, push and hold the power button until the LCD display powers off.

Provided by Academic Center for Technology
Using the Apple TV...

Make sure that your device is signed into NMT-Encrypted-WPA-WPA2

1. Bring up the Airplay menu on your Apple device
2. Next select the Apple TV on your device, it will be called cramer 120
3. Make sure to turn on mirror so that the display on your device is mirrored (projected) on the screen
4. Now you can select the Apple TV on the Crestron Control Panel so it is projected on the projector screen

Provided by Academic Center for Technology
How to set-up the sound...

Make sure the sound on the desktop computer is on and set at a reasonable level

1. Start by pressing the “SOUND” button on the Crestron Control Panel

2. This will bring up the sound menu, choose the input you want the sound to come from

Adjusting the volume:
• VOL+: increases the volume
• VOL - : decreases the volume

The blue color indicates the volume level

Provided by Academic Center for Technology
Getting to know the Document Camera...

- **Lens**
- **IR Sensor**
- **Main Support**
- **Lamp Unit**
- **Main Lock Button**
- **Main Control Panel**
- **Document Plate**
Turning on the Document Camera...

These steps are followed after selecting “Doc Cam” on the Crestron Control Panel

1. Start by unlocking the support arm and pulling it up
2. Rotate the lens so it is facing toward the document plate
3. Remove the lens cap

Turn on the document camera on by pressing the power button. Allow the document camera to warm up for minute. It should now be projecting on the screens.
Document Camera Control Panel

1. Power Button
2. LAMP: Turns the lamp on and off
3. ZOOM: Controls the size of the image
   • (+) Zooms in
   • (-) Zooms out
4. FREEZE: Freezes the image being projected
5. AWC: Controls the color manually
6. AF: Automatically focuses the image
7. ROTATE: Rotates the image 90°, 180°, or 270°
8. BRIGHT: Controls the brightness of the image

Provided by Academic Center for Technology
Powering down the document camera:

1. Turn off the document camera by holding down the powering button
2. Replace the lens cap
3. While pushing the lock button, lower the support arm to the document plate
4. Rotate the lens so it is laying flat on the document plate
5. Continue to **Shutting down the System** to power down the whole system
Shutting Down the System

1. To shut down the system, press the **EXIT** button on the Creston Control Panel

2. You will then be asked “**Shutdown the System?**” answering **Yes** – **Shut Down** will turn off the projectors and raise the projector screens

Provided by Academic Center for Technology