

# Lentz Hall (LH)

## How do I use the instructional technology in Lentz Hall (LH) 424?

### Equipment Rack Power

- **KRAMER VP-444 A/V SWITCHER** - First unit in the equipment rack. Switches between various sources, sending audio to the speakers and video to the projector. Controlled by pressing the buttons on its face. Power switch is located inside the equipment rack; to restart it, unplug the equipment rack's power from the wall, wait a 20-30 seconds, then plug it back into the wall.
- **TOSHIBA DVD/VCR** - Second unit in the equipment rack. Plays DVDs, CDs, and VHS tapes. Controlled by the Toshiba remote. Power button is a rectangular silver button located on the left side of the player.
- **SONY BLU-RAY** - Third unit in the equipment rack. Plays Blu-ray disks, DVDs, and CDs. Controlled by the Sony remote. Power button is located on the front-right of the unit.
- **GROMMES-PRECISION BASIX AMPLIFIER** - Fourth unit in the equipment rack. Sends audio to the speakers in the room. Volume is controlled by the knob on the front of the device labelled **VOLUME**. Power button is located on the left side of the amplifier.

### Connecting Your Laptop using a VGA Cable

1. Turn on the data projector using the remote.
2. Make sure the projector is set to **HDMI** (If the projector is on a different input, press the Source Search button on the Epson data projector remote and watch to make sure the HDMI input is selected).
3. Make sure all power switches are turned on (see Equipment Rack Power section at the top of this document).
4. The Kramer switcher must be set to **VGA** (Input #10).
5. Boot up your laptop COMPLETELY before connecting the VGA cable from the equipment rack. Then plug in the cable.
  - If your computer requires you to use an adapter to project (for example, all MacBook Pros with VGA), first plug the cable into your adapter, then plug the adapter into your computer.
6. Send the image to the projector:
  - On Windows computers, press and hold the **Windows** key and **P** key. Select the **Duplicate** to send the image to the projector.
  - On a Mac, click the **Apple icon** > **System Preferences** > **Displays** > **Arrangement** > **Mirror Displays**.
7. Volume is controlled through the **Volume** dial on the amplifier.
8. When you're done with the projector, please turn it off. Hit the power button on the Epson remote twice to turn off the projector.

### Connecting Your Laptop using an HDMI Cable

1. Turn on the data projector using the remote.

## Lentz Hall (LH)

2. Make sure the projector is set to **HDMI** (If the projector is on a different input, press the Source Search button on the Epson data projector remote and watch to make sure the HDMI input is selected).
3. Make sure all power switches are turned on (see Equipment Rack Power section at the top of this document).
4. The Kramer switcher must be set to **HDMI** (Input #8).
5. Boot up your laptop COMPLETELY before connecting the HDMI cable from the equipment rack. Then plug in the cable.
  - If your computer requires you to use an adapter to project, first plug the cable into your adapter, then plug the adapter into your computer.
6. Send the image to the projector:
  - On Windows computers, press and hold the **Windows** key and **P** key. Select the **Duplicate** to send the image to the projector.
  - On a Mac, click the **Apple icon** > **System Preferences** > **Displays** > **Arrangement** > **Mirror Displays**.
7. Volume is controlled via the **Volume** dial on the amplifier.
8. When you're done with the projector, please turn it off. Hit the power button on the Epson remote twice to turn off the projector.

## Using the DVD/VCR

1. Turn on the data projector using the remote.
2. Make sure the projector is set to **HDMI** (If the projector is on a different input, press the Source Search button on the Epson data projector remote and watch to make sure the HDMI input is selected).
3. Make sure all power switches are turned on (see Equipment Rack Power section at the top of this document).
4. The Kramer switcher must be set to **DVD/VCR** (Input #3).
5. Insert your DVD disk or VHS tape, and use the DVD/VCR player remote to control playback. Don't forget your disk or tape in the player when you're done!
6. Volume is controlled via the **Volume** dial on the amplifier.
7. When you're done with the projector, please turn it off. Hit the power button on the Epson remote twice to turn off the projector.

## Using the Blu-ray Player

1. Turn on the data projector using the remote.
2. Make sure the projector is set to **HDMI** (If the projector is on a different input, press the Source Search button on the Epson data projector remote and watch to make sure the HDMI input is selected).
3. Make sure all power switches are turned on (see Equipment Rack Power section at the top of this document).
4. The Kramer switcher must be set to **BLU-RAY** (Input #1).
5. Insert your Blu-ray disk, and use the Blu-ray player remote to control Blu-ray playback. Don't forget your disk in the player when you're done!
6. Volume is controlled via the **Volume** dial on the amplifier.

## Lentz Hall (LH)

7. When you're done with the projector, please turn it off. Hit the power button on the Epson remote twice to turn off the projector.

Leaving the projector running for extended periods while it's not in use significantly shortens the life of the projector. To turn off the projector, push the power button on its remote twice.

For help with classroom technology, please email Media Services at [av@carthage.edu](mailto:av@carthage.edu) or call (262) 551-5950.

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