

Cynap

Wireless Connection

Cynap: What is it?

The Wolfvision Cynap is a BYOD (Bring Your Own Device) system that allows students and instructors to connect for presenting via either wired or wireless connections. Up to four devices can be connected at once.

Where is it?

- Information on Wolfvision Cynap
<https://oit.utk.edu/teachingtools/tec/wolfvision-cynap/>
- Where are the Cynap classrooms?
<https://oit.utk.edu/teachingtools/tec/wolfvision-cynap/cynap-classroom-locations/>

Practicalities (ways to use it)

- Instantaneously switch from one display to another (no lag time anymore)
- Walk around the room untethered to the podium and still control your presentation
- Show internet content, including videos
- Show/share student's work
- Annotate a diagram
- Highlight features of a display
- Use the whiteboard feature

Technicalities (getting connected)

Wireless Connection

- Apple iPhone/iPad/Mac laptop
- PC Laptop & Surface Pro
- Android & Windows Phone - COMING SOON!

WIRELESS CONNECTIONS

Apple iPhone/iPad/Mac Laptop

Use this option, if you want to walk around your classroom and display items from your device wirelessly. You will be able to show whatever is on your iPhone or iPad, or Mac laptop (e.g., apps*, websites, photos, any files on or accessible with your device. *Some apps will not allow projection display.)

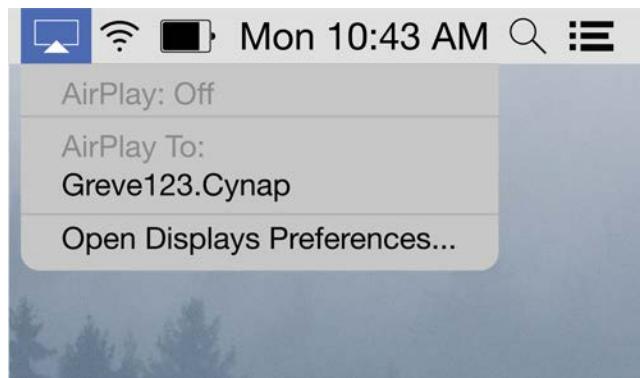
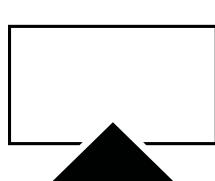
1. Set up the AMX panel

- a. Turn Projection System on via the AMX panel (While AMX panels differ from room-to-room, you should generally select “System On” and this will turn on everything).
- b. Select/Press the Cynap option on the AMX panel.
- c. From the AMX panel, select the “Moderator” OR “Mirror” option (“Moderator” previews up to 4 displays but only displays one image at a time; “Mirror” displays up to 4 displays at once).

NOTE: If you are new to Cynap, we recommend starting with the “Moderator” option.

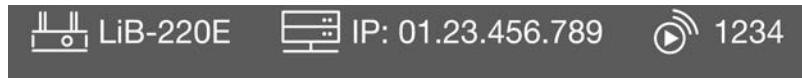
2. Set up the Instructor's Cynap monitor

- a. On your **iPhone/iPad**, either swipe up from the bottom of your screen OR down from the top right corner of your screen and select AirPlay/Screen Mirroring, then choose the Cynap you want to connect to and turn on Mirroring.
- b. On your **Mac laptop**, turn on AirPlay by going to: System Preferences>Displays and check “Show mirroring options in the menu bar when available.”
- c. In the top menu bar, click on the Airplay icon to show the Cynap options and select the room you are in.



This allows you to easily select Cynap in the future.

- c. Enter Airplay code, if prompted, which is a 4-digit number which is located in the top left corner of the Instructor's Cynap monitor.



NOTE: In addition to your wireless device, if you also want to show something from a wired device (e.g., document camera) you will need to select the appropriate device from the AMX panel and choose it from the Cynap monitor for display to the class.

- Touch the desktop on the Instructor's Cynap monitor with the pen or your finger to bring up the + menu.



- Cynap input menu
- Choose the HDMI/Input/Output number that your device was listed under on the AMX panel.
- NOTE: When you touch the desktop on the Instructor's Cynap monitor and bring up the + menu, the wired inputs will be called HDMI 1 and HDMI 2 on the monitor. These are the same as HDMI/Input/Output 1 and HDMI/Input/Output 2 on the AMX panel. Whatever device you selected on the AMX panel under "1" will appear when you choose HDMI "1" on the Instructor's Cynap monitor and the same for "2."
- Touch the icon on the bottom far left of the screen to expand the menu, then touch the first icon in the group to the far right to actually display this screen to the class.



3. End Presentation

Note: By completing this final step, you will delete any passwords you have used during your presentation and reset the 4-digit code used during your session.

- a. When your presentation is complete, select the ellipsis in the far-right corner of the touchscreen.



- b. Select "End Presentation."
- c. Select "Begin New Presentation."
- d. On the AMX panel, select "Return to Main Screen."
- e. Select "System Off."

WIRELESS CONNECTIONS

PC Laptop & Surface Pro

There are two options to connect wirelessly from these devices.

1. Wolfvision vSolution Cast software
2. Miracast (Screen casting built into Windows)

Note: We recommend using the Wolfvision vSolution. However, you will need admin permissions for your PC Laptop or Surface Pro.

For both options, you must set up the AMX panel first.

1. Set up the AMX panel
 - a. Turn Projection System on via the AMX panel (While AMX panels differ from room-to-room, you should generally select “System On” and this will turn on everything).
 - b. Select/Press the Cynap option on the AMX panel.
 - c. From the AMX panel, select the “Moderator” OR “Mirror” option (“Moderator” previews up to 4 displays but only displays one image at a time; “Mirror” displays up to 4 displays at once).
NOTE: If you are new to Cynap, we recommend starting with the “Moderator” option.

1. Set up the AMX panel

Option 1: Wolfvision vSolution Cast software for PC Laptop/Surface Pro

- a. Go to Wolfvision vSolution Cast web page.
[\[https://www.wolfvision.com/vsolution/index.php/us/presentation-systems/software/vsolution-cast\]](https://www.wolfvision.com/vsolution/index.php/us/presentation-systems/software/vsolution-cast)
NOTE: You should download this software before your class!
- b. Download the vSolution cast for your Windows Laptop/Surface Pro.
NOTE: an .exe file will download to your device
- c. Double click the .exe file to launch it.
- d. You will be prompted to enter the IP address for the room you are in (You will need to be in the room).



- e. You may be prompted to enter the 4-digit code which is located in the top left corner of the Instructor's Cynap monitor.

- f. On the Instructor's Cynap monitor, touch the icon on the bottom far left of the screen to expand the menu, then touch the first icon in the group to the far right to actually display this screen to the class.



- g. When you are finished projecting, just click on the tab then click on the “X”.



Option 2: Miracast (Screen casting for Windows) PC Laptop/Surface Pro/Windows phone

- a. This is already built into Windows, so there is no need to download anything!
- b. Select the notification center. You will find it in the lower right-hand corner of your computer screen.



NOTE: You may need to select “Expand” to see more options.

- c. Select the “Project” tile, then select “Connect to Wireless Display”.
- d. Choose which room the Cynap is to connect to and your screen will be displayed.
- e. On the Instructor’s Cynap monitor, touch the icon on the bottom far left of the screen to expand the menu, then touch the first icon in the group to the far right to actually display this screen to the class.



- f. When you are finished projecting, go to “Project” tile, then select “Disconnect”.



3. End Presentation

Note: By completing this final step, you will delete any passwords you have used during your presentation and reset the 4-digit code used during your session.

- a.** When your presentation is complete, select the ellipsis in the far-right corner of the touchscreen.



- b.** Select “End Presentation.”
- c.** Select “Begin New Presentation.”
- d.** On the AMX panel, select “Return to Main Screen.”
- e.** Select “System Off.”

Android & Windows Phone – Instructions Coming Soon!