1. Wired Presentation via projector

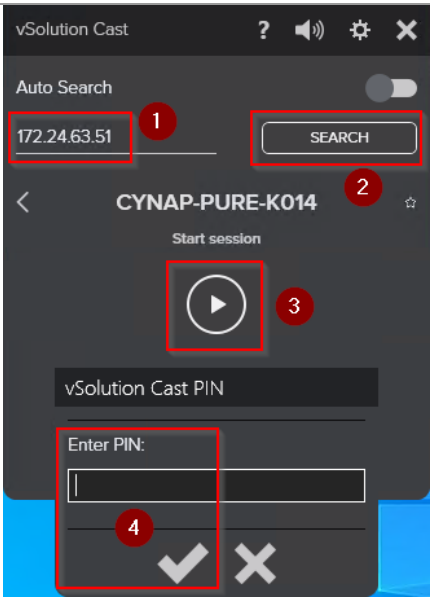|	
• Turn the audio visual equipment on the smaller Crestron touch panel ON. • If the panel is black, just touch it briefly. • Please switch the equipment OFF at the end of your lecture.	
• Connect your device with the HDMI cable from the table tank. • If necessary, use one of the HDMI adapters for USB-C, DisplayPort or Mini-DisplayPort.	• OR: Connect your device with the VGA cable from the table tank. • The source selection is then done on the Crestron touch panel.
• On the Crestron touch panel, select the "Projection" page (1), then the icon for HDMI, VGA, Visualizer, etc., depending on which source you want to display (2), and then the "Turn on projector" button (3). • (Illustration similar, only in K001 there are two projectors) • (a visualizer is not available in all rooms)	
• Activate the external display port of your device (e.g. with Windows key + P). • When a display signal from a source is detected, the text below the source icon on the Crestron touch panel turns green.	• OPTIONAL: Connect the LAN cable to your device if you do not want to use Wifi. • To use LAN your device has to be registered with the OTH RZ!
• If you are using your <u>own</u> HDMI adapter and are unable to get an image on the projector, please try one of the adapters from the HDMI cable in the table tank!	

2. Wireless presentation via Cynap-Pure

• Switch the audio visual equipment ON as described under 1.	
• On the "Projection" page (1) of the Crestron touch panel select "Cynap" (2) as the source. • (illustration similar, only in room K001 there are two projectors) • (a Visualizer is not available in all rooms)	
• The standard image of the Cynap-Pure should be displayed by the projector (after a switch-on time if necessary).	
• Connect your device wirelessly to the "Cynap-Pure-P???" of the current room (e.g. with Windows key + K). • see also the handout (2_T_Anleitung_Cynap.pdf) from the Didactics and Teaching Service Center, as well as the accompanying tutorial video: • https://fbim.oth-regensburg.de/media-pdf/2_T_Anleitung_Cynap.pdf • https://vimp.oth-regensburg.de/video/Tutorial-Cynap/79a7e8821df060ea2c07ea83ef95fcbe • Apple devices must be connected to the "HS.R AD" or "secure.hs-regensburg.de" WiFi.	
• The 4-digit PIN for connecting is displayed at the top of the projector image. • The PIN changes after some time and for new sessions.	
• The display output of your device should now be shown by the projector.	

3. Wired presentation from a PC via LAN with "vSolution Cast"

• Switch the audio visual equipment ON as described under 1.
• Select "Cynap" as the source on the Crestron touch panel as described under 2.
• The standard image of the Cynap-Pure should be displayed by the projector (after a switch-on time if necessary).
• Start "vSolution Cast" from the Windows desktop. • Or you can download "vSolution Cast" from Wolfvision: https://wolfvision.com/en/support/vsolution-cast • and then start it. The program does not require administrator rights.
• The IP address of the Cynap-Pure and the 4-digit PIN for connecting are displayed at the top of the projector image. • The PIN changes after some time and for new sessions.
• "vSolution Cast" is executed on the PC at the top of the screen. • Enter the IP address of the current Cynap-Pure (1) and click on "Search" (2). • The Cynap Pure of the current room should be found and displayed by name. • Then click on "Start session" (3). • Enter the current 4-digit PIN and click the tick (4). • "Auto Search" does NOT work in the campus LAN for technical reasons. The Cynap devices cannot be found automatically.
• If necessary, activate the display on the now connected virtual display (e.g. with Windows key + P).
• The display output of the PC should then be shown by the projector.

4. Hybrid lecture, using the audio visual equipment on your own notebook via USB
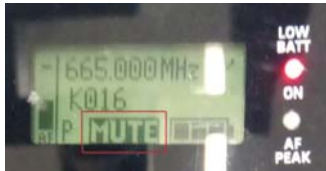
• Switch the audio visual equipment ON as described under 1.

• Select the "Camera" page on the Crestron touch panel (1) and press the ON button (2) beside "Power". • The camera starts up and an orange LED flashes there. After approx. 60 seconds, the camera is booted up and available. Then a BLUE LED lights up. • As soon as the waiting time is over, you can activate "Speaker Tracking" (3) or select the desired static image preset (4).	

• Connect the USB cable available on the lecturer's table to your notebook.	

• If necessary, wait for the automatic driver installation. The AV devices are addressed like any other webcam as a USB HID device, that should work with any operating system.   • The room's camera is then available with the name "AV Mini Bridge" (with Windows).   • The room's audio is available with the name "Hands-free telephone (AV Mini Bridge)" (or similar).   • Select these audio/video devices in your conference software (Zoom, Teams, etc.).

• The audio source for the conference is the wireless Sennheiser microphone pack, which is available in the room. It has to be switched on, un-muted, and hung around one's neck (see Appendix B).

Appendix B: Handling of the Sennheiser microphone packs

• Remove the Sennheiser microphone pack from the charging cradle. • Open the front flap of the microphone pack by pressing onto the small catches on the left and right with your thumb and index finger. • If necessary, the battery can be replaced with the spare battery from the charging cradle.	
• Switch on the microphone pack by pressing the ON/OFF button until the status display lights up. 	
• If MUTE is shown in the status display, the microphone pack has to be "un-muted". • In order to do this, slide the mute switch on the top of the microphone pack (to the left) so that MUTE disappears from the status display.	
• Slide the microphone pack into the provided neck strap and hang it around your neck at the middle of your chest for the microphone to work optimally.	

• At the end of the lecture:
  • Pull the microphone pack back out of the neck strap.
  • Open the front flap and press the ON/OFF button until the status display is off.
  • Put the microphone pack back into the charging cradle.	