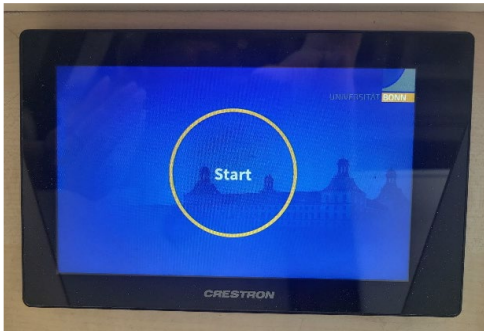


### Required equipment

To use the projector(s) including audio, you need either a USB-C connection or an HDMI connection. To use the hybrid setup, you need either a USB-C connection, or a USB-A connection together with an HDMI connection.

### Starting the system

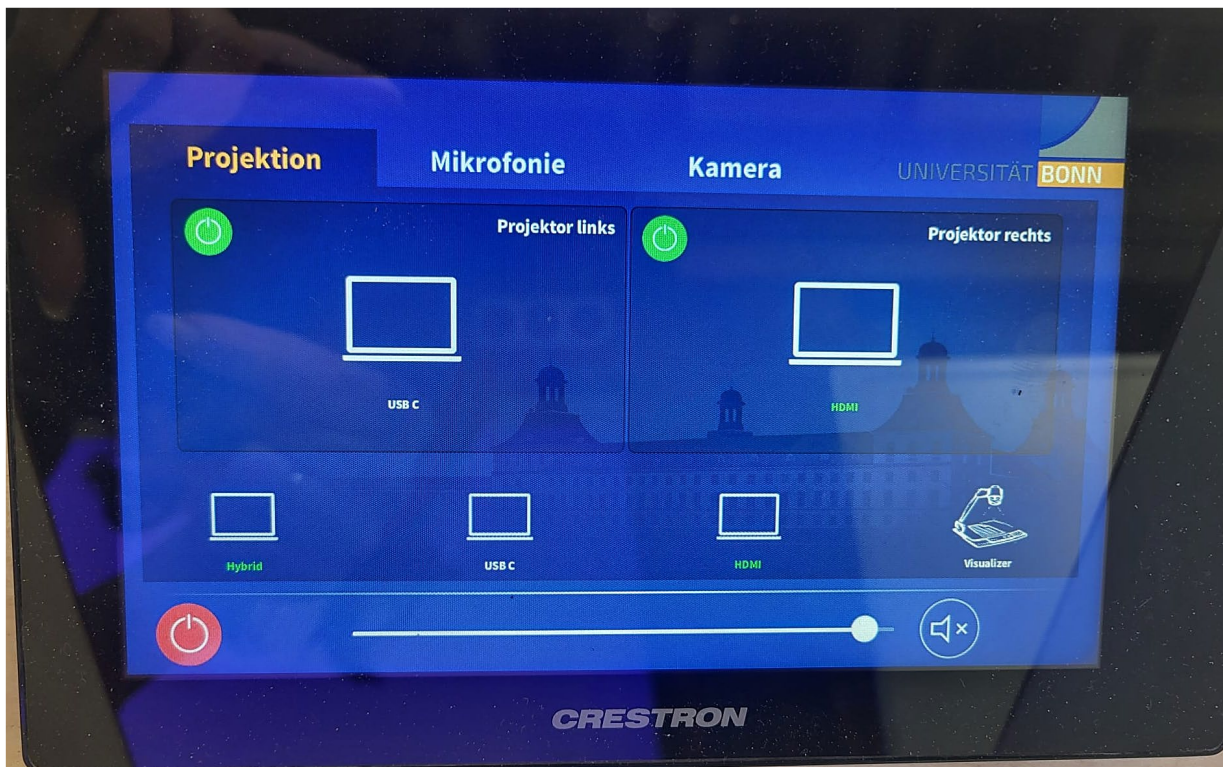
In order to start the system, activate the CRESTRON display by touching it and then press “Start”.



### Projectors

To use the projectors without the hybrid setup, proceed as follows.

1. *Switch on the projectors.* On the CRESTRON display, select the tab “Projektion” at the top. You can switch on the left and/or right projector using the red button.
2. *Connect your device using the cable.* Connect your device to one of the ports on the left-hand side (see above, without the “hybrid” label). Available are a USB-C port and an HDMI port. For each of the two projectors, you can then select the appropriate input (USB-C, HDMI, or Visualizer). To do so, select the respective symbol at the bottom of the display and drag it into the projection area. It is also possible to connect the two projectors to different devices. The example shown below is the case where the left projector displays the screen of a device connected via USB-C, and the right projector displays the screen of a device connected via HDMI.



## Microphones

To use the microphones, proceed as follows.

1. *Turn on the microphones.* On the CRESTRON display, select "Mikrofonie". Switch on the audio using the slider at the very bottom. If the audio icon at the bottom right is highlighted in red, the audio is off; if it is completely white (see example), the audio is on. The horizontal slider at the bottom controls the overall volume.



2. *Select the microphones.* There are two handheld microphones and two headsets available. They are located in the charging station next to the lectern (and must be returned there after use!). On the CRESTRON display, each individual microphone can be switched on or off in the same way as described above. The microphones themselves switch on automatically when removed from the charging station. The displays on the microphones (e.g. HH2 = handheld microphone 2) can be used to identify the correct microphone.

## Hybrid technology

1. *Switch on the projectors.* To use the projectors, proceed as described above. However, for both projectors select “Hybrid”.



2. *Connect your device.* To connect a device to the system, use the cables on the right-hand side labeled “Hybrid”. You can use either a USB-C cable, or a USB-A cable together with the HDMI cable.
3. *Switch on the microphones.* See “Microphones” above.
4. *Switch on the camera.* On the CRESTRON display, select the tab “Kamera”. The camera can be switched on via the green button on the CRESTRON display. The camera can either be controlled manually (left side of the display) or used in a tracking mode. The upper button on the right side points the camera at the lectern. To enable tracking mode, select the lower button on the right side (yellow = tracking mode on).

The first person standing at the lectern after switching on tracking mode will be tracked. The camera will then automatically follow this person. If the person stands in front of one of the blackboards, the camera automatically zooms out to show the entire board. When the person moves away from the board, the camera tracks the person again. The camera can also be used independently of the projectors (e.g., for a pure blackboard lecture); in this case, the projectors should remain switched off.



5. *Using zoom.* After starting a video conference, select:

- Camera: Aver TR315
- Microphone: Shure P300 Echo Cancelling Speakerphone
- Speaker: Shure P300 Echo Cancelling Speakerphone

Under Camera → Video and effects settings → Video, also disable “Auto-Framing”:

### After the event

Switch off the projector(s), microphones, and camera via the CRESTRON display. Then switch off the system using the red button at the bottom left of the display.