

# EMC2 Tandberg to Zoom

Instructions to connect the Tandberg C20 video conferencing system in EMC2 to Cornell Zoom.

## Notes

- EMC2's Cisco Tandberg C20 system is nominally supported by Cisco until August 2018.
- One must pay for updates so none applied 4/2/2018.

## How to connect the Tandberg C20 to Zoom

- Michael Hint connected the Tandberg to Zoom. Here's how:

### 0) Get Zoom Meeting ID from meeting organizer

- If presenter is using Cornell's Zoom license, that's all you need to make this work.
- Unknown if and how it will work with a different, non-Cornell license.

### 1) Start the Tandberg system

Be patient since the Tandberg system takes a while to boot up.

- Ensure LG TV is on.
  - Lower on using LG controller, or via power button to the right of the LG TV.
- Select input HDMI 4.
  - Use either LG controller or side buttons of TV itself.
  - FYI: The Mac mini is on HDMI 1.

### 2) Connect it to Zoom

Press phone book button on Tandberg controller.

- Bouton looks like an open book, and is to the left of the Home button.

Select "My Contacts", and then select Zoom, and finally select "Call".

- On Tandberg controller, use arrows to navigate, and the center "check mark" to select entries.
- N.B. The Zoom "phone number" (URI) used by Chemistry IT to set up Contact "Zoom" was:
  - 162.255.36.11
  - [Example of other IPs](#)

### 3) Enter Zoom Meeting ID and join the meeting

Press number keys on Tandberg controller.

- This is a unique 9-digit number for the meeting itself

Press the # key to join.

### 4) End the Zoom session

On Tandberg controller, press the red hang-up phone button.

## Notes using the Tandberg system:

### Speaker volume, both TV and Tandberg

Ensure BOTH LG (TV) volume is adjusted AS WELL AS the volume of the Tandberg system.

- If either is mute or too low, will not hear anything.
- LG TV's volume controllable with LG controller, or via volume switches to the right of the LG TV.

- Tandberg volume controllable with Tandberg controller.
  - Tandberg's mute status shows on-screen.

## Microphone mute

- Toggle mute of microphone either by clicking mute button on Tandberg microphone pad, OR clicking mute button on Tandberg controller.
- Mute status shows on-screen.

Tandberg camera direction (panning) and zooming in and out

- Control Tandberg camera's direction (left, right, up, down) with arrow keys on Tandberg controller.
- Control Tandberg camera's zooming in and out with the + and - keys on Tandberg controller.
- Zoom

## Unknown how to do computer screen sharing

Seems one can connect a computer to the Tandberg and switch between sharing the computer and your Tandberg video.

- Alternative: May be easier just to get that shared computer at a separate attendee.

## Other info

- This is an example of an "H.323 room system", if needing to internet-search Zoom for help.

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Initial notes, from Oliver:

March 2018: Oliver spent time with the Tandberg C20 (Cisco) system, <[av.emc2.cornell.edu](http://av.emc2.cornell.edu)>. These were his notes, FWIW:

1) Is system capable? "The system must be running TC 5.0.2 or higher or CE software to support OBTP (One Button To Push).". Not listed as supported, either Standard nor Enhanced:

- <https://support.zoom.us/hc/en-us/articles/202445433-Room-Connector-Supported-Devices>

2) If supported, one would need to run a Windows system to connect system to Zoom, "A Windows PC, Server, or Virtual Machine, for installing and running the Zoom API Connector software locally":

- <https://support.zoom.us/hc/en-us/articles/115003126346-Zoom-Connector-for-Cisco>

3) Cornell's Zoom must also be properly licensed. From above URL, "A Zoom account with a Cloud Room Connector license".