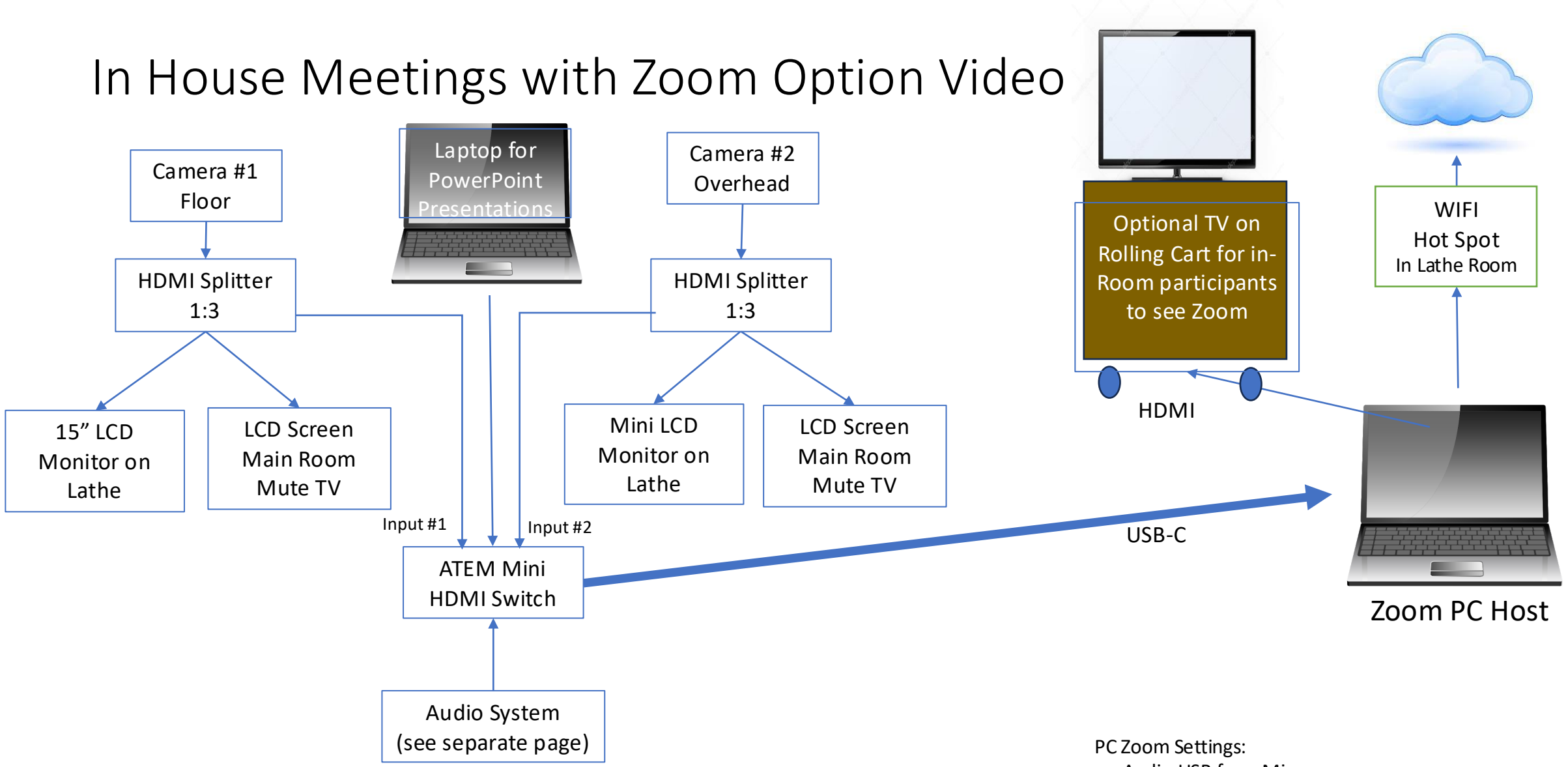
Demonstration Audio/Video Overview

Pick one

- Remote Interactive Remote Demonstrations
  - Zoom Client in Community Center for In-person Meeting
    - Project on TVs with a PC Zoom client and HDMI splitter from PC to wall connections
    - Roaming Handheld Microphone to ask questions
    - Members can view at home as well – interact directly with demonstrator
- In-House Meetings & Demonstrations Hybrid Model
  - Community Center
    - Powermatic and camera rigs in Meeting Room
    - Wireless Headset for Demonstrator
    - Wireless Mics and to ask questions
    - Mixer and Floor Speakers for Wireless Audio
  - Zoom connection for remote members
    - Remote participants can ask questions through Zoom

In House Meetings with Zoom Option Video



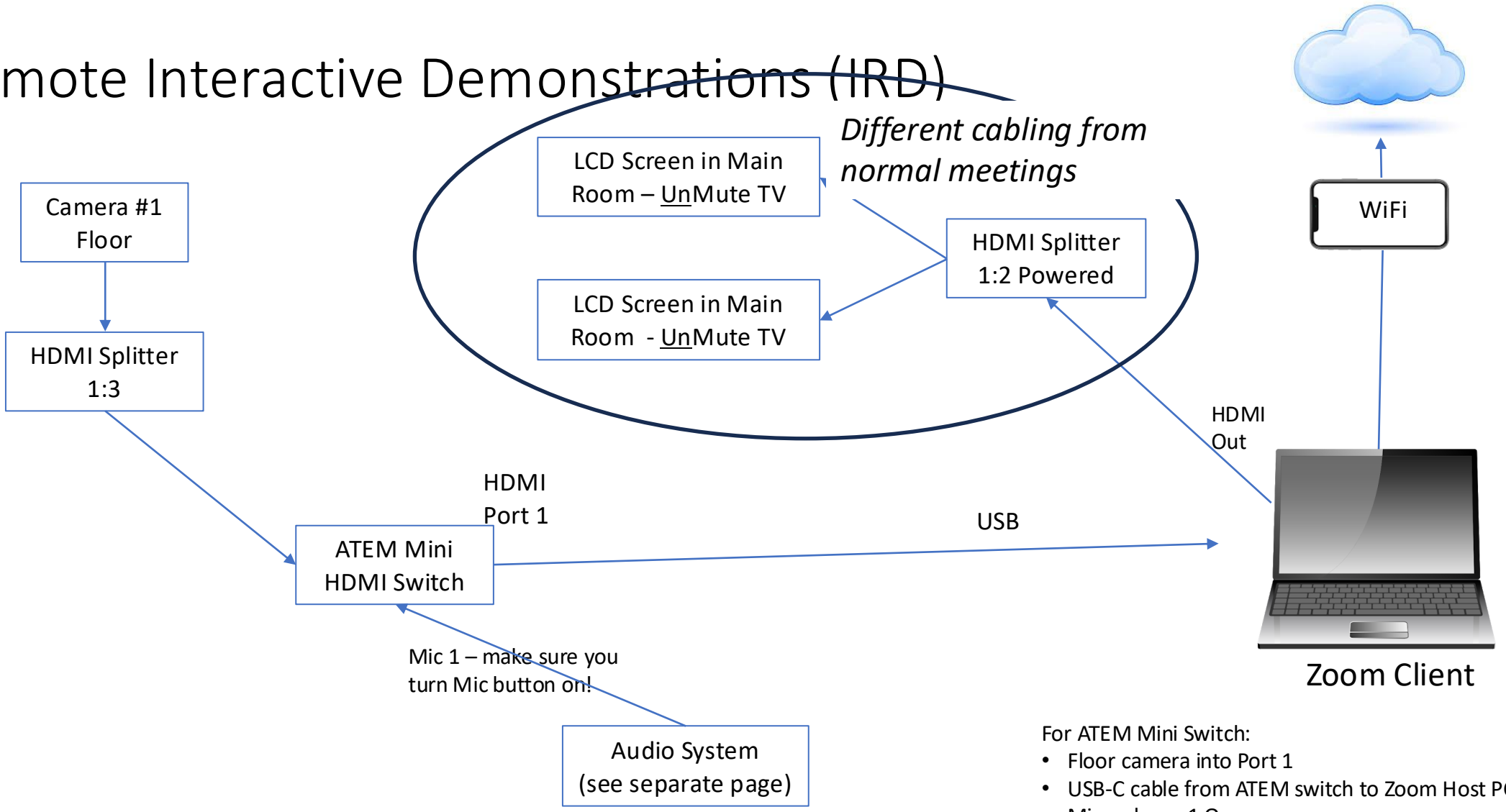
PC Zoom Settings:

- Audio USB from Mixer
- Video: BlackMagic (ATEM)

Check List for In-House Meetings

- Camcorders - Both
  - Splitter power on
  - Connect to ATEM HDMI Ports
  - Connect to HDMI Wall connectors
  - Connect to small lathe monitors
  - Install and format microSD cards - START RECORDING Immediately
- Mixer
  - Powered on
  - Lapel mic connected to input
  - Test Handheld mic - check battery
  - Test sound to speakers
  - Test to Zoom Audio Input (Line)
  - All PFL buttons off (up)
- PC
  - Launch Firefox, Select CVW Meetings, hover over meeting and Start
  - USB hub plugged in
  - Launch Zoom from Firefox tab - recording will start automatically
  - Ensure Zoom Audio is on Line (5-MC-XU) and microphone shows green when testing

Remote Interactive Demonstrations (IRD)



In-house participants will hear the Zoom participants and IRD through the TV speakers and hear the on-site participants through the in-house PA system and speakers.

For ATEM Mini Switch:

- Floor camera into Port 1
- USB-C cable from ATEM switch to Zoom Host PC
- Microphone 1 On

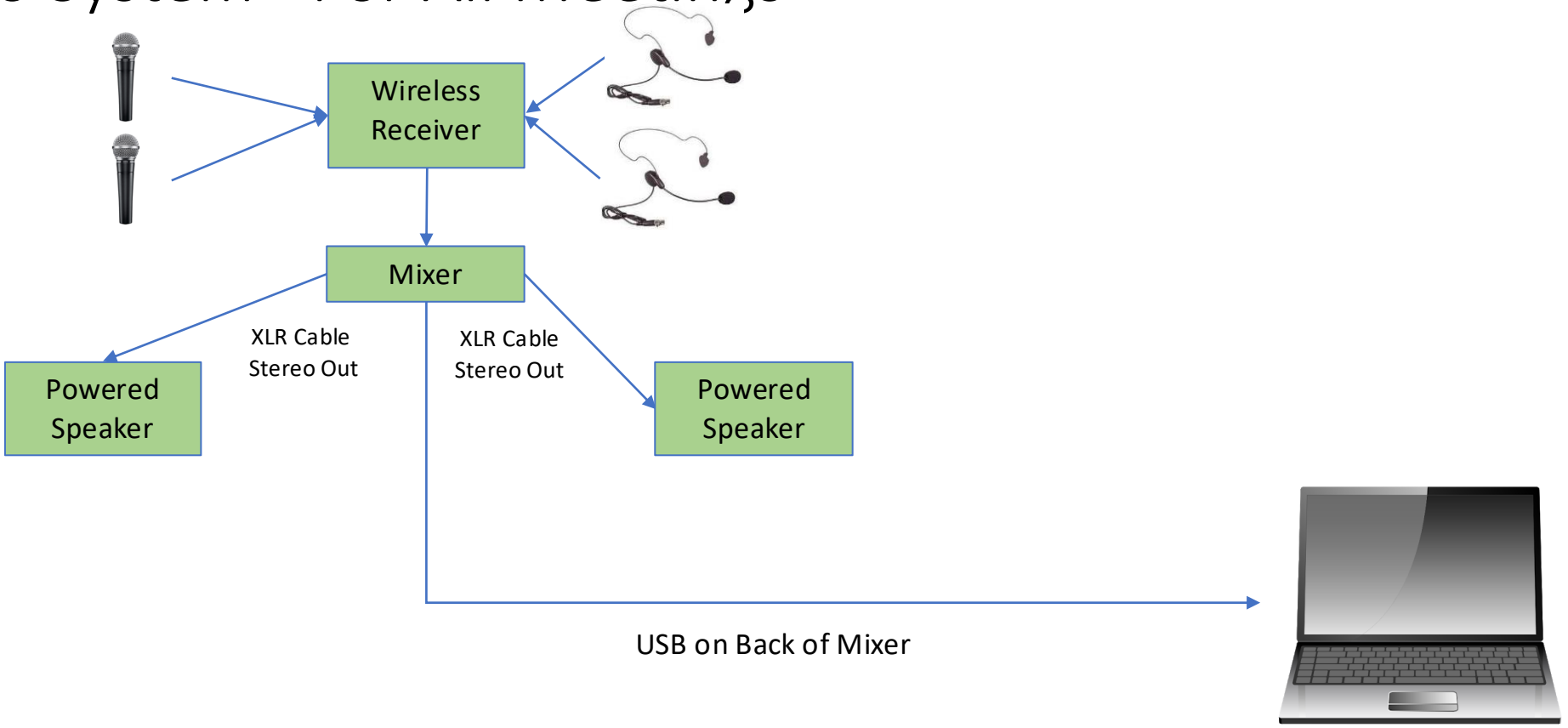
PC Settings:

- Zoom Audio and Video: BlackMagic (ATEM)

Instructions for IRD Zoom

- Connect cabling per the IRD Demo page. *Note this is a different splitter and cabling than that used for normal meetings*.
- Make sure the TVs are Unmuted - the IRD sound will come from the TVs
- *Instead of the PC being a Zoom host the PC is a Zoom client*
- Launch Firefox on the PC, click on the link in the Firefox bookmark menu bar at the top of the Firefox window to open the CVW web page (not the Zoom menu item)
- Click on the zoom link on the main CVW web page or the meeting page - it should launch Zoom and connect to the IRD host

Audio System - For All Meetings

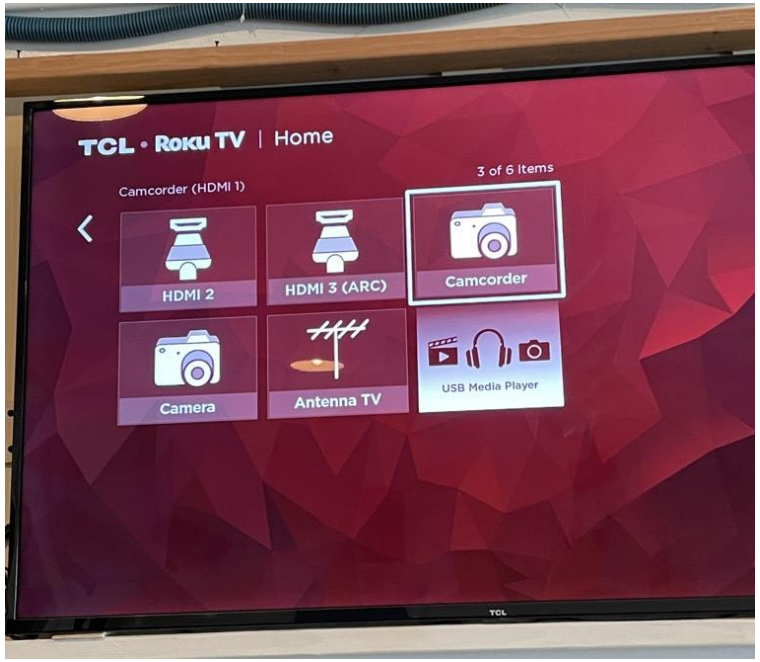


Mixer Settings

- Turn lighted ON switches for each channel
- Turn ON ST switches for each channel
- Turn ON switch for STEREO master
- Turn OFF PFL switches, if on
- Set GAIN for each channel to ~ 3’o’Clock
- Adjust overall volume with Stereo slider
- Adjust each channel with its individual slider
- Connect USB out to PC

Meeting Room TV Display for Zoom

TV View



Choose Camcorder for input from PC/Splitter. Use TV speakers for audio.



What you will see if no input from PC/Splitter/Wall connection



Volume control is on <u>side</u> of controller

Troubleshooting

Symptom	Diagnosis	Remedy
Camcorder goes to sleep	The battery lost power and the settings reverted to Factory setting Demo On	Reset the camcorder Menu/Tools/Demo Off. Make sure battery is charged after the meeting and has sufficient capacity to last to the next meeting.
Camcorder display is distorted or goes green on Zoom but is OK on the Camcorder	The Camcorder lost its mind when it went to sleep or switched modes	Menu/Shooting Mode/Movie or disconnect power to the Switcher box and reconnect.
No sound from Zoom participants on IRD	TV's are on mute	Unmute TV's
No camcorder display on TV's	Splitter not powered	Connect Splitter power supply
No Zoom participants	Need IRD presenter's link or CVW link	Go to CVW web site using the menu item on the Firefox browser and find the right link on the Meeting page.

Equipment List

- ATEM Mini from Black Magic Design
- Club PC with USB-A input from audio mixer, rolling desk
- GTD Audio G-787 Wireless Microphone Receiver - 4- channel (discontinued)
- 12-channel Yamaha mixer with four microphone inputs and speaker outputs
- Powered PA speakers
- TCL 65” TV’s, wall mounted in lockable cabinets
- Internet connection (WIFI in Lathe Room)
- Sony HDR-CX450/455 Camcorders with micro-HDMI outputs, one on tripod and one on an overhead boom
- HDMI splitters for each camcorder
- TV on rolling cart with built-in speakers (optional for presenter slides)