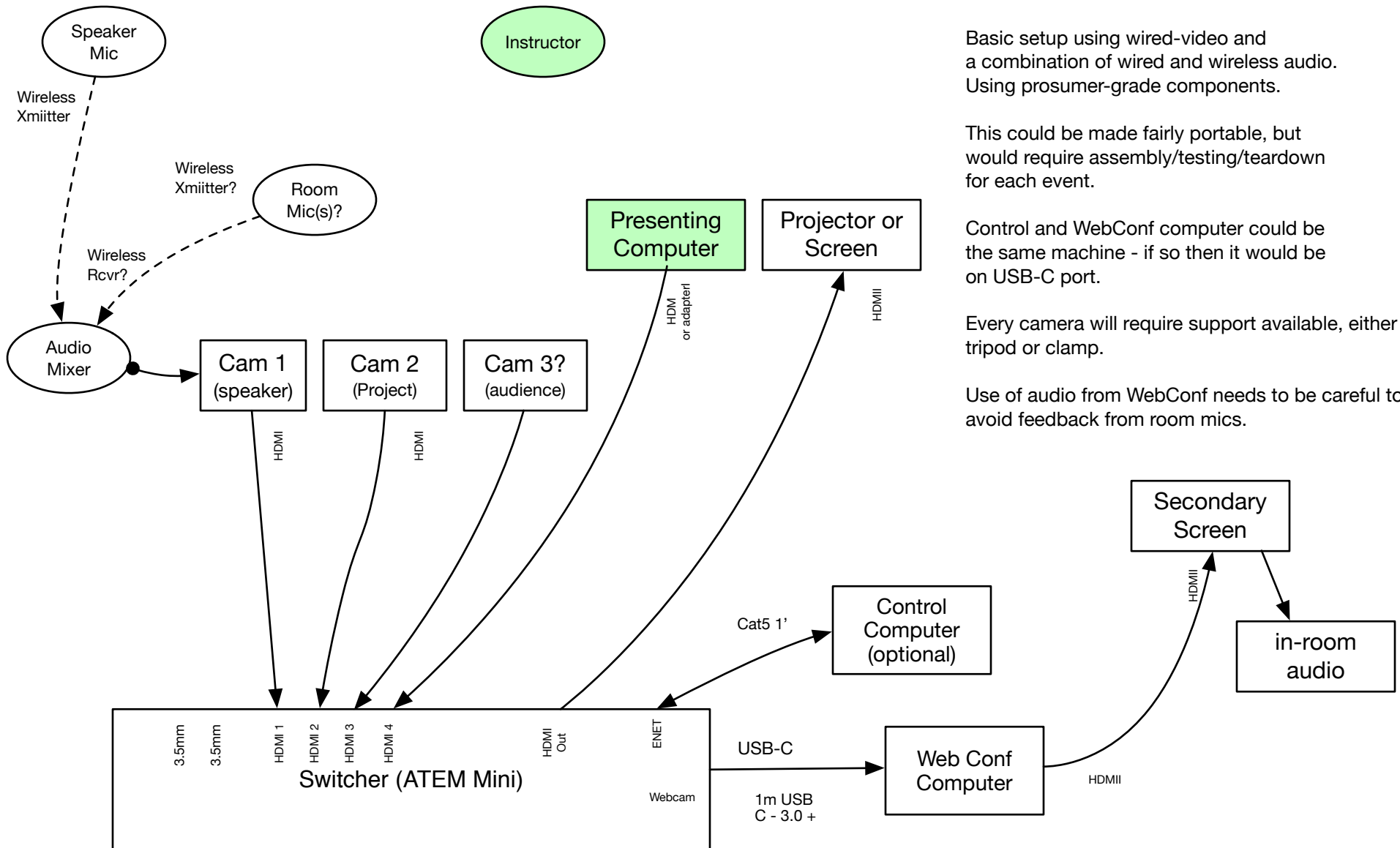# Components and Connections

Basic setup using wired-video and a combination of wired and wireless audio. Using prosumer-grade components.

This could be made fairly portable, but would require assembly/testing/teardown for each event.

Control and WebConf computer could be the same machine - if so then it would be on USB-C port.

Every camera will require support available, either tripod or clamp.

Use of audio from WebConf needs to be careful to avoid feedback from room mics.

Speaker Mic

Instructor

Wireless Xmiitter

Wireless Xmiitter?

Room Mic(s)?

Wireless Rcvr?

Presenting Computer

Projector or Screen

Audio Mixer

Cam 1 (speaker)

Cam 2 (Project)

Cam 3? (audience)

HDM or adapterl

HDMII

HDMI

HDMI

Secondary Screen

Control Computer (optional)

Cat5 1'

HDMII

in-room audio

3.5mm

3.5mm

HDMI 1

HDMI 2

HDMI 3

HDMI 4

HDMI Out

ENET

USB-C

Web Conf Computer

HDMII

Switcher (ATEM Mini)

Webcam

1m USB C - 3.0 +

Primary Audio will be on Camera 1 BUT If presentation includes audio director needs to be prepared to add that with switch and ride gain.

Wired Project Video Switching 1.0