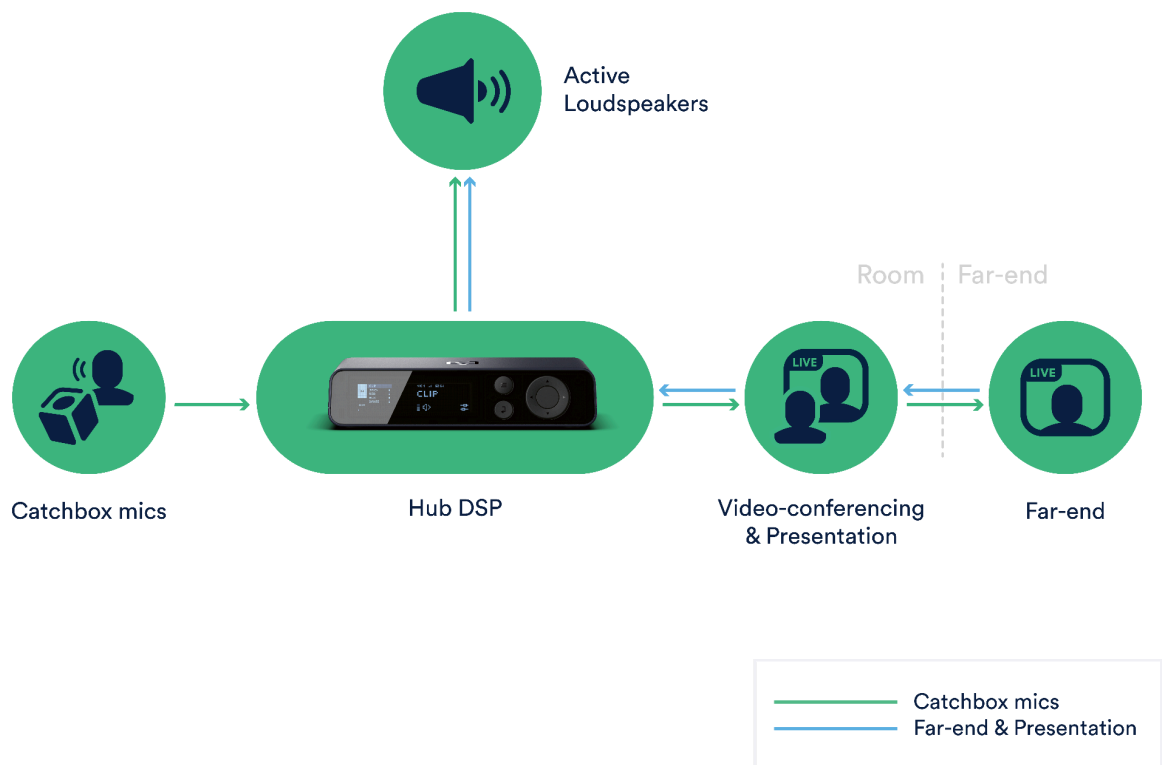




Catchbox Plus for video-conferencing with loudspeakers

What will you get?

- All audio flows mixed and managed from Catchbox Hub DSP
- Catchbox mic audio amplified in the room
- Far-end audio amplified in the room
- Catchbox mic audio sent to far-end



What will you need?

- Catchbox Plus system with one or more microphones
- Catchbox XLR-to-3pin output Adapters 2 pcs (purchased separately)
- Computer for video-conferencing
- Active loudspeakers with audio cables - 2 sets



Step-by-step instructions

1. Ensure all Catchbox mics are paired with the Hub.

- 1.1.** In most cases, the mics are pre-paired before shipping. However, if pairing is required, follow the instructions in this [Knowledge Base article](#).

2. Connect the cables

- 2.1.** USB - connect Catchbox Hub DSP to your video-conferencing computer using the included USB-C cable. It'll provide power to the Hub DSP and send two-way audio to the computer.
- 2.2.** Active loudspeakers - use appropriate cables to connect your loudspeakers to Catchbox Hub DSP outputs "3-PIN L" (Left) and 3-PIN R" (Right). If necessary, use Catchbox XLR-3PIN Output Adapters (purchased separately).

3. Configure your Catchbox Hub DSP

- 3.1.** Set Hub DSP to operate in "Speakerphone mode". It'll set USB audio to be recognized as both "Microphone" and "Loudspeaker" on the video-conferencing computer.

GLOBAL SETTINGS → SYSTEM → USB DEVICE MODE →
SPEAKERPHONE

- 3.2.** Configure audio mix for video-conference on USB OUT (MIXOUT)

OUT → MIXOUT → USB OUT → CHANNEL SETTINGS → MIX
CONFIGURATION → MIC1-4, ENABLED

NB! Disable all other signals.



3.3. Configure audio mix for loudspeakers on 3-PIN (MIXOUT)

OUT → MIXOUT → 3-PIN → CHANNEL SETTINGS → MIX
CONFIGURATION → MIC1-4, USB-IN ENABLED

NB! Disable all other signals.

4. Configure your video-conferencing computer

- 4.1.** In the computer's audio settings select "Catchbox Hub DSP" as a source of "Microphone" and "Loudspeaker" (depending on the OS).
- 4.2.** In the video-conferencing platform's audio settings select "Catchbox Hub DSP" as a source of "Microphone" and "Loudspeaker" (depending on the platform).
- 4.3.** Enable all VC platform processing



Wiring and mix diagram

