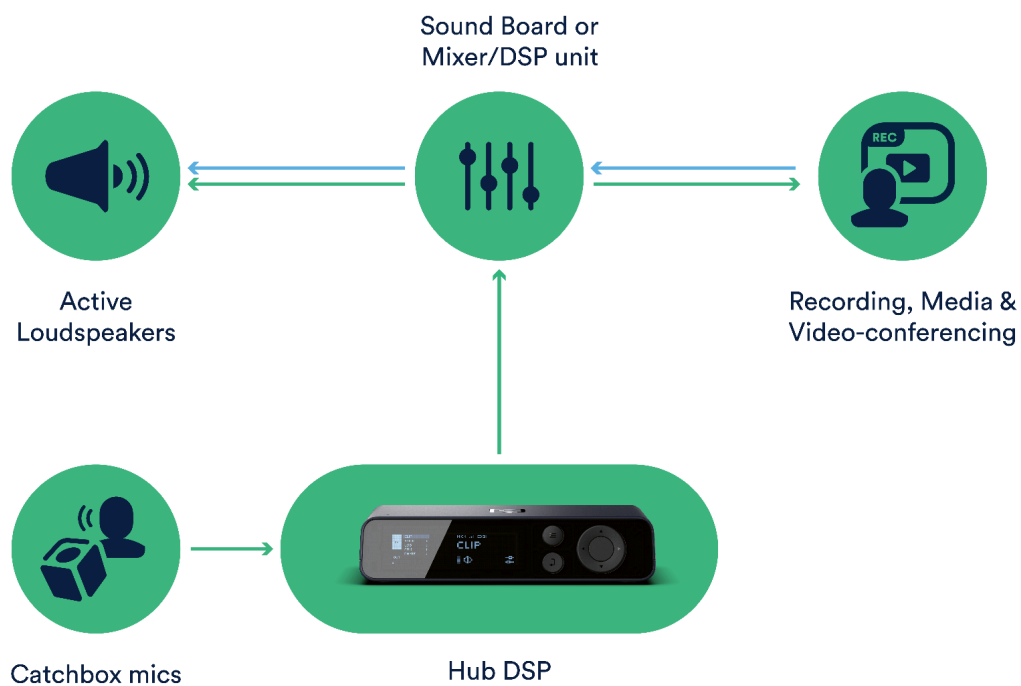# Catchbox Plus for events and installations with external mixer over analog or DANTE

## What will you get?

- Audio flows are managed by an external mixer board or DSP unit
- Catchbox operates as a wireless microphone receiver
- External Mixer Board mixes Catchbox microphone audio with the other audio devices
- (Optional) - DANTE



Sound Board or Mixer/DSP unit

Active Loudspeakers

Recording, Media & Video-conferencing

Catchbox mics

Hub DSP

| | |
|---|---|
| —— | Catchbox mics |
| —— | Rec & Media & Video-conf |

## What will you need?

- Catchbox Plus system with microphones
- External Mixer Board or DSP-unit with analog balanced inputs
- (optional) DANTE infrastructure for routing audio to mixer / DSP-unit

## Step-by-step instructions

1. **Ensure all Catchbox mics are paired with the Hub.**
   - **1.1.** calciIn 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.** Audio - connect your Hub DSP's FLEX 1 to 4 ports to appropriate inputs of your sound board, mixer board or DSP-unit. If necessary, use Catchbox "3-pin to XLR-Out Adapters" (purchased separately).
   - **2.2.** USB Power - connect your Hub DSP to a power source using the included Catchbox USB-C Power Adapter.

3. **Configure your Hub DSP**
   - **3.1.** Configure FLEX ports to operate as outputs

     GLOBAL SETTINGS → SYSTEM → FLEX MODE → OUTPUT

   - **3.2.** Make sure that for all FLEX output channels the "CHANNEL CLONING" setting is "DISABLED"

     OUT → FLEX → CHANNEL SETTINGS → CHANNEL CLONING -> DISABLED

     **Note:** When FLEX ports are configured as outputs, individual microphone channels MIC 1..4 are automatically routed to individual FLEX outputs FLEX 1..4

   - **3.3.** Alternatively you can use DANTE OUT 1..4 to route the audio to your mixer or DSP-unit

# Wiring and mix diagram



**Catchbox Hub DSP**

Mixer or DSP unit
(analog inputs)

Mixer or DSP unit
(DANTE)