Audio Mixer Angel
36C3 - VOC

Tasks

- Level and observe room mix
- Balance the mix between applause microphones and room mix
- Observe and adjust the level of max. 2 translator-signals

Mixer

- QSC TouchMix-8

- IN 1/2 - PA_L/R (Room Mix)
- IN 3/4 - Atmo_L/R (Applause Mics)
- IN 5 - Trsl_1 (1st Translator)
- IN 6 - Trsl_2 (2nd Translator)

Mixer

- Try **not** to use trim-knob in stereo channels (1-4), because they are not linked
- Using trim-knob in mono channels (5+6) is fine

Applause Microphones

- Provide ambience and constant comfort noise
- Do not use gates or expanders
- Don't try to catch solo laughters with these mics

Translators

- max. 2 languages per talk
- help them to a constant level
- Translating people alternate during talks -> levels change
- 1 channel per language even when translators change
- Mix (ducking) of translation with native signal happens in the streaming chain

Audioprocessing post TouchMix

- Native:
  - Leveling
  - Loudness Normalization
- Translations:
  - Leveling
  - Ducking
  - Loudness Normalization