

# A/V Angel Self-Training: Video Mixer

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March 28, 2024

C3VOC



<https://github.com/voc/engelschulung>

- We will stream, record and publish all talks with your help
- You can operate the cameras and video mixer
- We (people from c3voc) will be there to help
- The live stream video signal will also be the final recording
- We aim for consistent quality, but everybody make mistakes – don't blame yourself!

## Video Mixer Tools

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# Voctomix2 - Overview

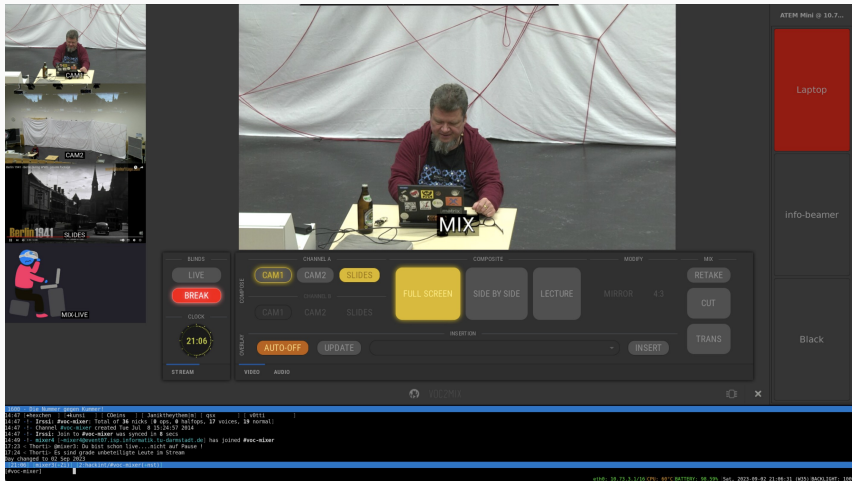


Figure 1: Voctomix2 - Overview

# Voctomix2 - Pre-Select

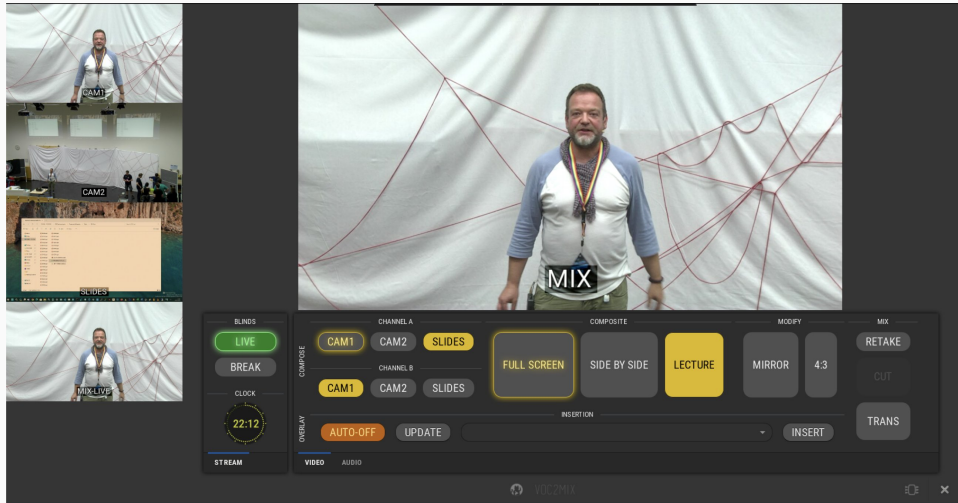


Figure 2: Voctomix2 - Select (Lecture Mode)

# Voctomix2 - Lecture Mode

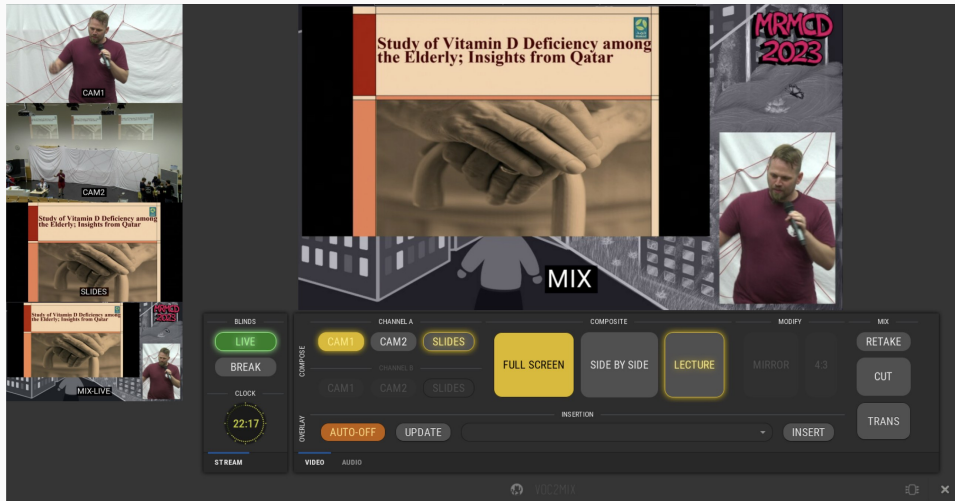


Figure 3: Voctomix2 - Lecture Mode

# Voctomix2 - Lecture Mode 4:3

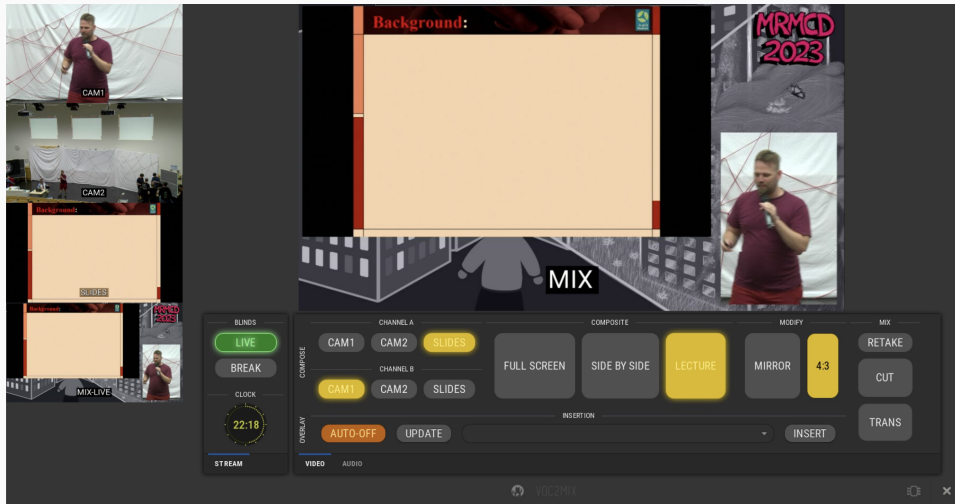


Figure 4: Voctomix2 - Select Lecture Mode 4:3

# Voctomix2 - Lecture Mode 4:3



Figure 5: Voctomix2 - Lecture Mode 4:3



# Video Mixing Guidelines

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## Mixing Guidelines - Hard Rules

- **All** you are doing is **recorded** and will be published.
- The Audience is **not to be filmed**. Cut away if faces of people not on the stage appear.
- **Slides are important**
- Slides stay on till the text has been read **twice**.
- Show new slides **immediately**.

## Mixing Guidelines - Softer Hints

- Start early – opening announcements of the Herald are a good start. Their introduction has to be in the recording and on stream.
- Open wide – Structure the beginning of a talk with shots that set the stage
- The slides in fullscreen – you're dealing with a very small screen. Text has to be readable
- Show gestures – medium-close-up that follows the speakers eye-line
- Don't be too cutty – Pace your videos temperately. Do not cut too often.
- Don't end too early – All questions and answers have to be recorded. The herald ends the talk, not the mixer angel.

### Hints

Leave lots of room at the start and end of a talk. Cut away from the infobeamer before the Herald starts with announcements. Cut to the infobeamer only after the last applause has finished.

# Audio Hardware

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# Audio Mixer Controls: Levels



Figure 6: Touchmix Main Controls

- Mute unused microphones (bottom row)
- Adjust hall loudness with rightmost fader
- Adjust individual microphone level with fader or reduce "trim" knob when it's clipping
- Please keep microphones un-muted during applause

# Audio Mixer Controls: Second Page



- If mute buttons are yellow, go back to "Main Mix" page
- If anything else is shown, just pres "Home" button

**Figure 7:** Touchmix Second Page

# Audio Mixer Controls: Headphones



- Press "Phones" to adjust headphone loudness
- "Cue" on Camera/ Recoding mix must be selected
- Rotary knob can be used to adjust selected parameter (headphone level, channel level, etc.)

**Figure 8:** Touchmix Headphones

# Microphones

- We prefer headset microphones over handheld for speakers
- Distance to mouth will be constant -> more constant audio level
- Handheld microphones for hearalds and Q&A
- Our transmitters also have a mute button (yellow light = muted)
- Please check battery level from time to time



# Headset Placement



**Figure 9:** Good headset microphone placement

- Microphone shall be at the corner of the mouth
- Boom can slide back and forth
- If too far in front, there will be too much wind noise
- Distance to face: About 2 cm
- Bend boom carefully

## Next Steps

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# Hands-On Training

- Please do hands-on training!
  - You have to try out voctomix to know its quirks
  - Feel free to try things in a break between talks
- VOC A/V-Techs are there to help you