

A/V Angel Self-Training: Camera

March 27, 2025

C3VOC



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

General

- We will stream, record and publish nearly all talks with your help
- You can operate the cameras and video mixer
- At do-not-record talks we also need angels
- 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!

Camera Hardware

Hardware Camera Controls Panasonic



Figure 1: Panasonic Cam

Cameras are in manual mode because of difficult lighting situation.

Left Ring/red Focus - control sharpness of the image.

Middle Ring/green Zoom - vary the focal length.

Right Ring/blue Iris - will have to be adjusted throughout the day. If there is anything wrong, contact C3VOC helpdesk.

Zoom Control Panasonic



- For smooth zoom use the zoom buttons.
- Gentle touch ⇒ slow zoom
- Top Buttons fixed speed

Figure 2: Panasonic Cam

Display Indicators Panasonic

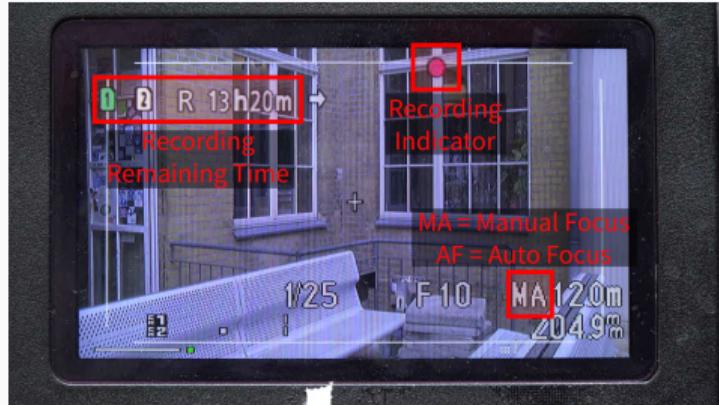


Figure 3: Panasonic Display Indicators

Rec Indicator The recording must always run, even during the break.

Focal Indicator Use only manual focus!

Remaining Time It must have enough remaining time before talk.

Alert

Alert the A/V-Technician if something's wrong.

Hardware Camera Controls JVC



Figure 4: JVC Cam

Cameras are in manual mode because of difficult lighting situation.

Left Ring/red Focus - control sharpness of the image.

Middle Ring/green Zoom - vary the focal length.

Right Ring/blue Iris - will have to be adjusted throughout the day. For lighting issues talk to the A/V tech via intercom.

Zoom Control JVC



- For smooth zoom use the zoom buttons.
- Gentle touch ⇒ slow zoom
- Top Buttons fixed speed

Figure 5: JVC Cam

Display Indicators JVC



Figure 6: Panasonic Display Indicators

Rec Indicator The recording must always run, even during the break.

Focal Indicator Use only manual focus!

Alert

Alert the A/V-Technician if something's wrong.

Tripod

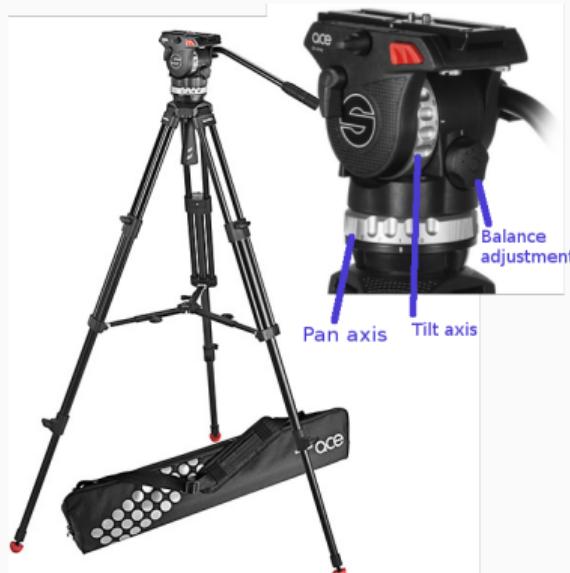


Figure 7: Tripod

- Should be level - check the water bubble.
- Variable brakes - can be adjusted to your needs.
- Tilt axis should be balanced, so that the camera doesn't tilt up or down on its own.
- Pan axis is needed all of the time. Set it so you can do smooth pans all over the stage.

Alert

Alert the A/V-Technician if something's wrong or misplaced.

SD-Card Recording

- Two SD-Cards in every Camera
- Backup Recording
- Turn on Recording before first shift in the morning -> Red Dot somewhere in the Display.
- Control Recording Time remaining.

Alert

Alert the A/V-Technician if something's wrong or not running.

Next Steps

Hands-On Training

- Please do hands-on training!
 - The only way to get proficient with the tripod is to feel it
 - Feel free to try things in a break between talks
- VOC A/V-Techs are there to help you