

Equipment (Part II)

Seminar content:

- Different kinds of equipment
- Input / Output
- Connecting speakers
- Special cables
- Using wireless microphones
- Connecting to an external amplifier
- What to do when acoustics are bad and/or dancers cannot understand
- Recording to MP3 recorder
- Setting up equipment for demos or small special dances
- Preparing for a special dance

Different kinds of equipment

- HILTON, Jack`s PA
- Behringer, Bose, Yamaha, ...
- Mixer with active speakers (e.g. Dynacord)
- Others

Inputs

- Mike inputs – separate volume control
- Line input for: Laptop, MP3-Player, Smartphone, etc

Outputs

- Loudspeakers (Active & Passive)
 - Passive: Impedance has match to amplifier (ex. Hilton=4 ohm), never mix different makes/kind of loudspeakers
 - Active: separate output necessarily, possibility mixing different kind of equipment,
- Main channel and Monitor channel
- Monitor speakers (on stage)
- Line output (high, low) depending on which model
- Output for recording, hearing aid f. ex. Monacor etc)

Connecting speakers

- Power (watts)
- Impedance (ohms) (need to know for passive loudspeakers)
- ½ Yak = 9,6 ohms; full Yak with parallel adaptor - 4,8 ohms
- Y adaptor (serial) if using passive loudspeakers
- Connectors: Speak on (passive loudspeaker)

Cables for

- Loudspeakers
- Microphone
- Adapter for Music source: e.g. Laptop / Smartphone /
- Recording

Using wireless microphone

- Connecting the wireless to the set up
- Avoid feedback: switch on transmitter and receiver first, and then turn volume up – while talking into the mike

What to do when acoustics are bad and/or dancers cannot understand

- First step: turn music volume lower
- Second step: turn your microphone volume lower
- Third step: check position of loudspeakers
- With monitor speakers on stage: be careful with your microphone to avoid feedback

Preparing for a dance

Position for leader / set up / speakers in the hall
 More leaders on stage: turn volume of microphones down

Rev. Nr.	Changes	Release	Contrib.	Date
1.	First merge			
2.	Separation from document with all topics in single documents with reviewed layout		CW	2010/01/21
3.	Under construction			
4.	Review		EEP-Team	2019/03_02
5.	Review, erase turntable keywords	1.7	EH	2021/Dec