

## TRIO by Kirstine Lindemann

For two performers, contact mics, vocoders and a Minimoog model D

Written for Sebastian Berweck and The Minimoog Project.

Commissioned by Klang-Festival 2022 with support from Koda's Cultural Funds



### Set-up

Each performer (A and B) will have a contact mic taped on the larynx, going to a di-box

Each di-box will be connected to a vocoder.

Vocoder A will go in the ext. input on the Minimoog and then in the line input of the mixer

Vocoder B will go in the mixer directly

**Positions:** Player A should be 1 m behind player B and 1,5 m to stage R from player B

The Minimoog should be placed approx. 4 metres to stage right from player B

The exact placement of the lights depends on the room, see last page for a suggestion and a check a demonstration video of the shadows here: <https://youtu.be/A9fGvCvgGe0>

### Tech rider:

1 Behringer Synthesizer model D

1 Korg synthesizer

2 vocoders Electro Harmonix V256

2 contact mics

1 skin tape for contact mics

2 di-boxes

2 lamps (400 W) on the floor

2 extension cables for lamps

1 long DMX cable

1 light dimmer + controller

1 adaptor-cable min 2 m. female XLR to mini jack 3,5 cm (from vocoder to synth)

1 cable from male jack 6,35 to male XLR or male xlr (synth to mixer FOH)

Small table for light controller (venue)

1 mixer (venue)

2 speakers (venue)

1 sub (venue)

3 power strips (venue)

4 power-extension cables (venue)

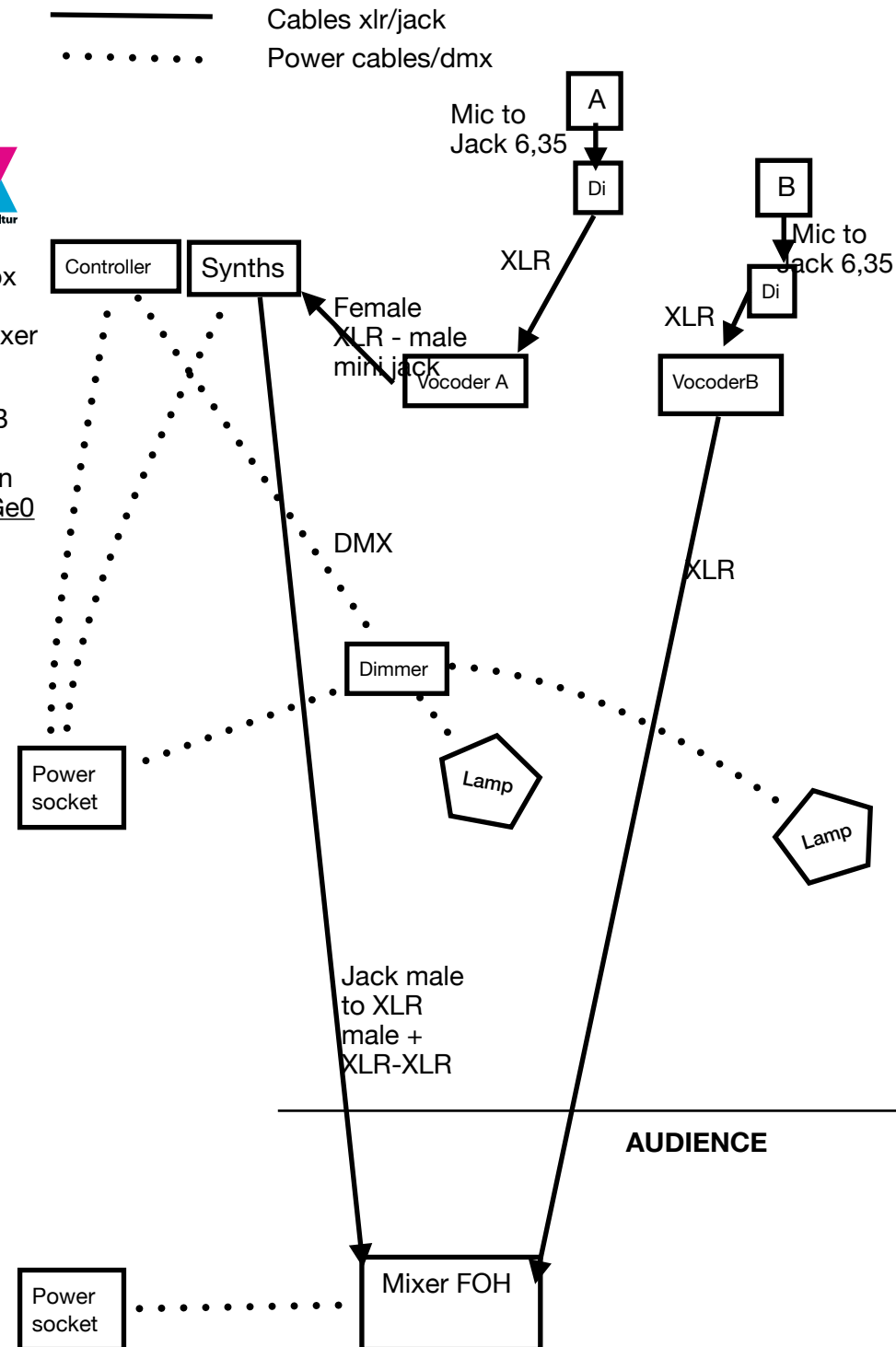
2 x XLR 5 m. From DI to vocoders (venue)

2 XLR ca. 15 m. From moog to FOH + vocoder B to FOH (venue)

2 x monitors (venue)

Set-up time: 1.5 hours

Pitch-black - blinded windows



### Clothes:

Pants and shirt in dark blue / black

The 2 shirts should be in the same color

### Settings on vocoders

A

#### Vocoder settings:

Blend: 5.00 o'clock

Band: 12.00 o'clock

Pitch: 09.00 o'clock

Gender bend: 10.00 o'clock

Vox robo 1

Mic gain high

Preset off (lamp off)

Mic by pass off (lamp on)

Notes that work well with these settings:

A2, C#2 and Ab3

B

#### Vocoder settings:

Blend 17.00 o'clock

Band: 20.00 o'clock

Tone: 16.00 o'clock

Gender bend: 12.55 o'clock

Pitch: 23.00 o'clock

Vox robo 1

Mic gain high

Preset off (lamp off)

Mic by pass off (lamp on)

Notes that work well with these settings:

Db4/D4, F4/F#4/G4a2



Make sure you place the microphone in the position on the throat where it picks up

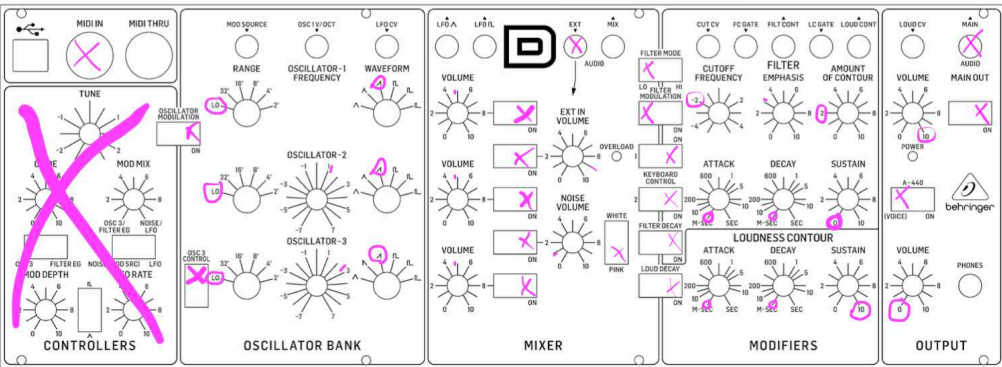
Settings on Behringer Model D / Minimoog Model D

1st and 3rd setting

MODEL D Patch Sheet

Patch Number

DATE: 17042022	AUTHOR: Lindemann	TITLE: Position 1 and 3 - low cut off frequency
NOTES:		

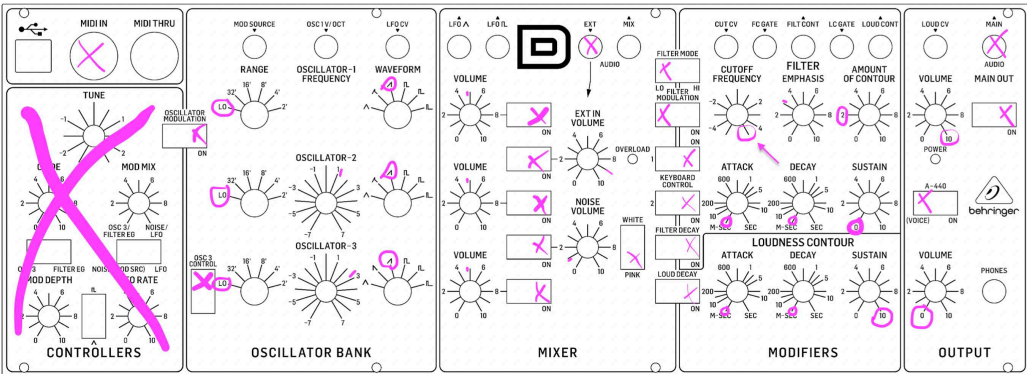


2nd setting

MODEL D Patch Sheet

Patch Number

DATE: 17042022	AUTHOR: Lindemann	TITLE: Position 2 - Cut off frequency on 100%
NOTES:		



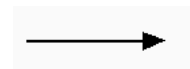
# Index

Click the links to see a video demonstration.

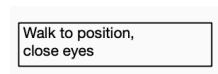
All videos can be found here: <https://youtube.com/playlist?list=PLEC5mKanMfCN-7zXkBINoplnrz9hJUUr-R>

## Note:

**Both players always have closed eyes during the whole piece except from when walking to positions and adjusting the Minimoog in the beginning and end**



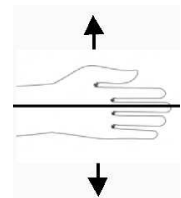
**Continue action**



**A one-time action**

*Comments in italic*

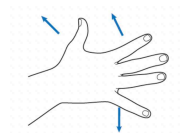
**Instructions regarding symbols**



## Scan 1

<https://youtu.be/zIAld8CvykQ>

Appears for both right and left hand: Left hand on the left side of the torso, right hand on the right side of the torso  
The starting position is in front of the torso (not touching). The middle finger should be in the level of of the belly button  
The movement goes from here until the index finger is on the level of chin and back  
Palm facing the body, thumb parallel with the index finger. The fingers should be lightly spread



## Expansion

[https://youtu.be/sh\\_KXkp1mEY](https://youtu.be/sh_KXkp1mEY)

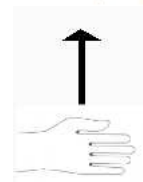
Spread fingers gently, the position should be held as long as the throat sound is sounding



## Heart beat

<https://youtu.be/J2ZblvOa-WA>

Spread fingers gently with a clear impulse, one expansion can be repeated right after the other, free rhythm.  
To be repeated ad lib.



## Last up

Last breath in and last movement up after throat sounds before starting something new

**Breath sound**

<https://youtu.be/wNEO3uQRrAU>

Breathe through the nose, closed mouth, make a slight resistance in mouth cavity  
Adjust to make a little difference in the sound when in- and exhaling

**No breath sound**

<https://youtu.be/QVwsrayeYGo>

Breathe in through the nose, make the breath superficial and short. Evt. place your tongue on the palate

**Notes from throat**

<https://youtu.be/wNEO3uQRrAU> (same as breath sound-demonstration)

Dynamics vary from *pp* to *p*  
Closed mouth. Length varies

**Face**

<https://youtu.be/E9rz51m19IA>

Caress your face with the fingers as if reading a face with the hands.  
Use fingers and fingertips more than palms

**Scan 2**

<https://youtu.be/guLxU1gkolU>

Stretch the arm to the side in line with the shoulder  
Start the movement from the wrist. When the arm is stretched, bend the wrist. Make an accent in the movement here  
Move the palm along the side of the head to the crown and back  
As if caressing a clone of yourself next to you on the side of the head  
To be repeated ad. lib.

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**Duration of each section**

All time indications are approximate

## Light placement and shadows

The light positions should always be adjusted to the room, so these measurements are to be seen as a suggestion

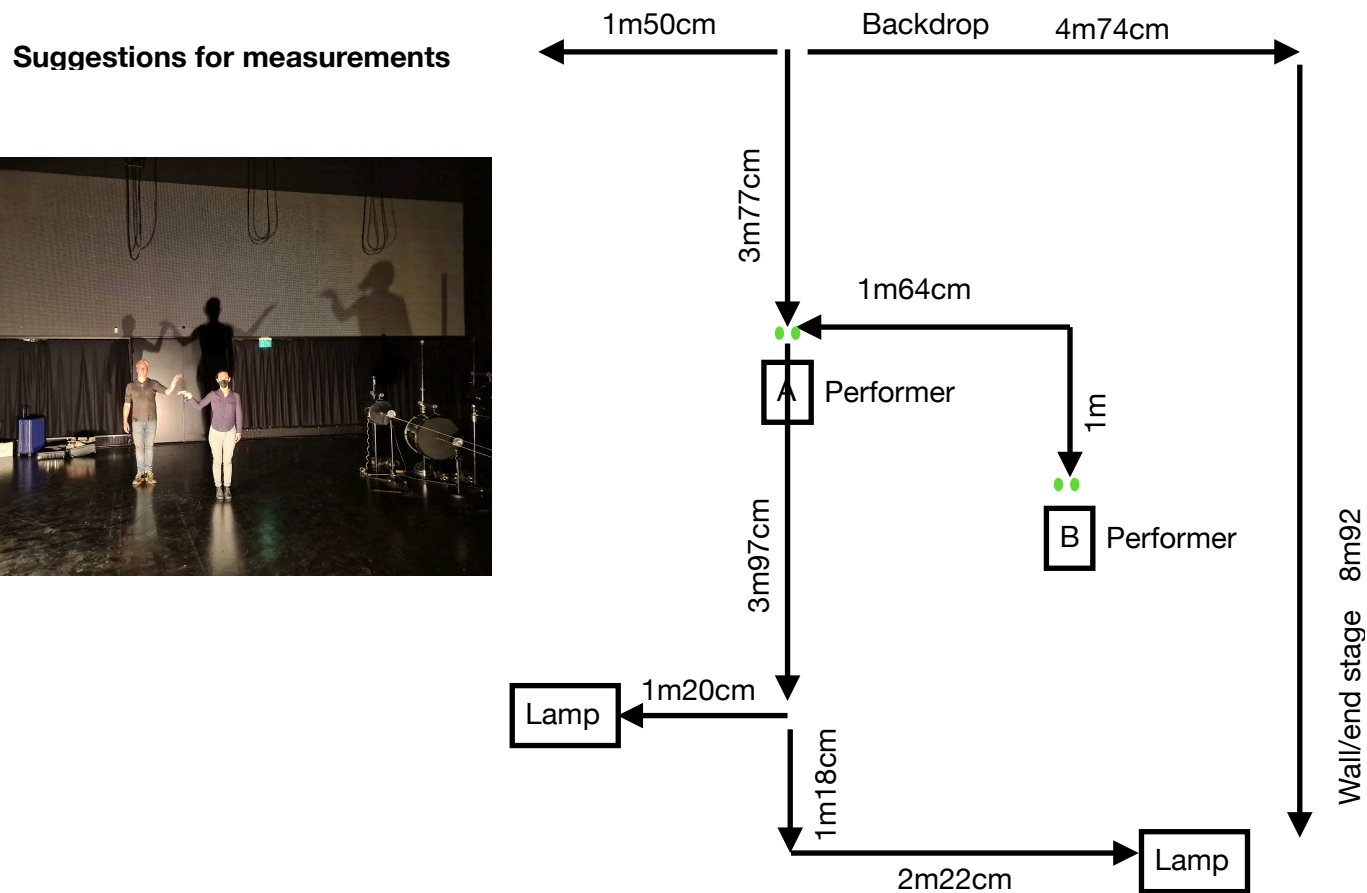
What we need to create are three shadows at the back wall

The lamps will cast 2 shadows each. The 2 shadows in the middle should overlap

This way we will see two vaguer shadows in each side and one strong one in the middle

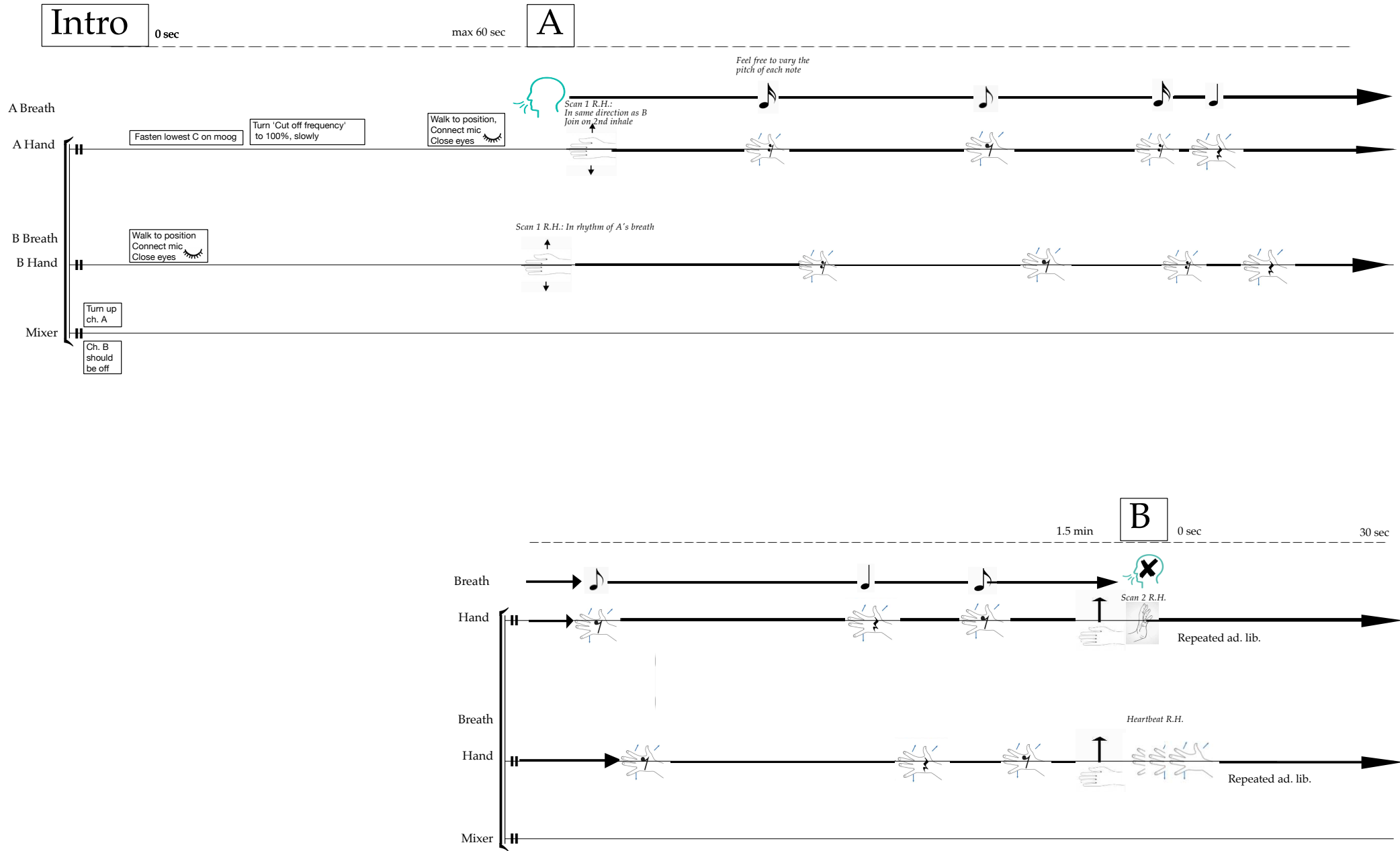
Look at this video for a demonstration:

<https://youtu.be/A9fGvCvgGe0> or check the picture below

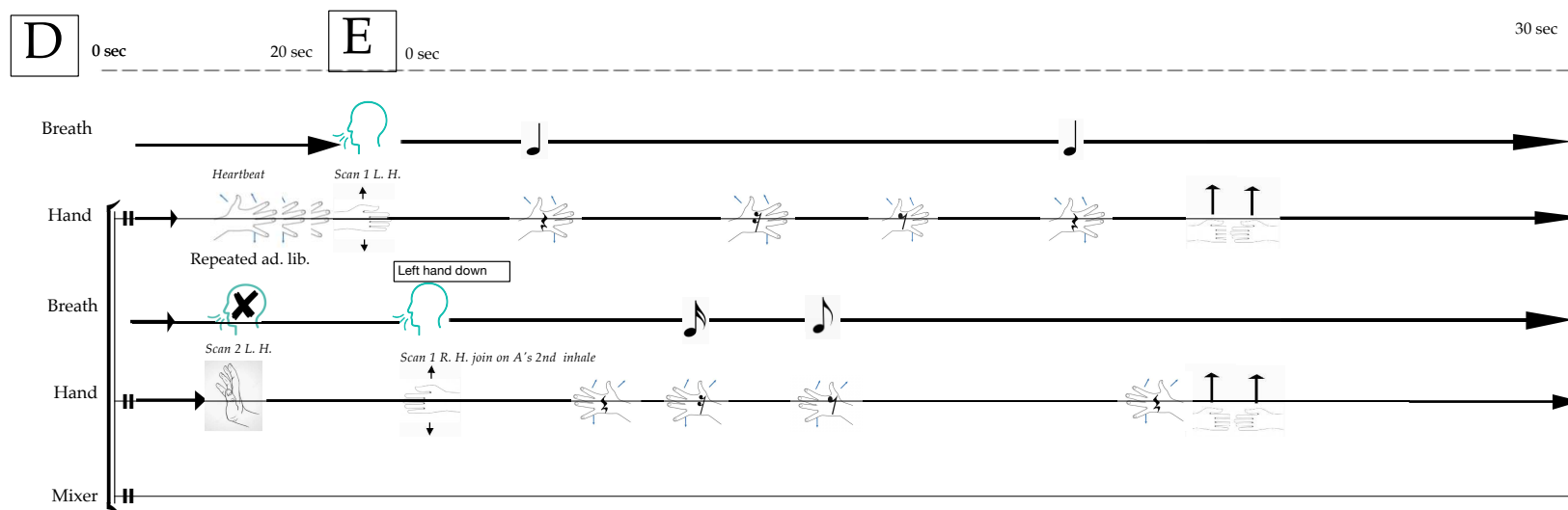
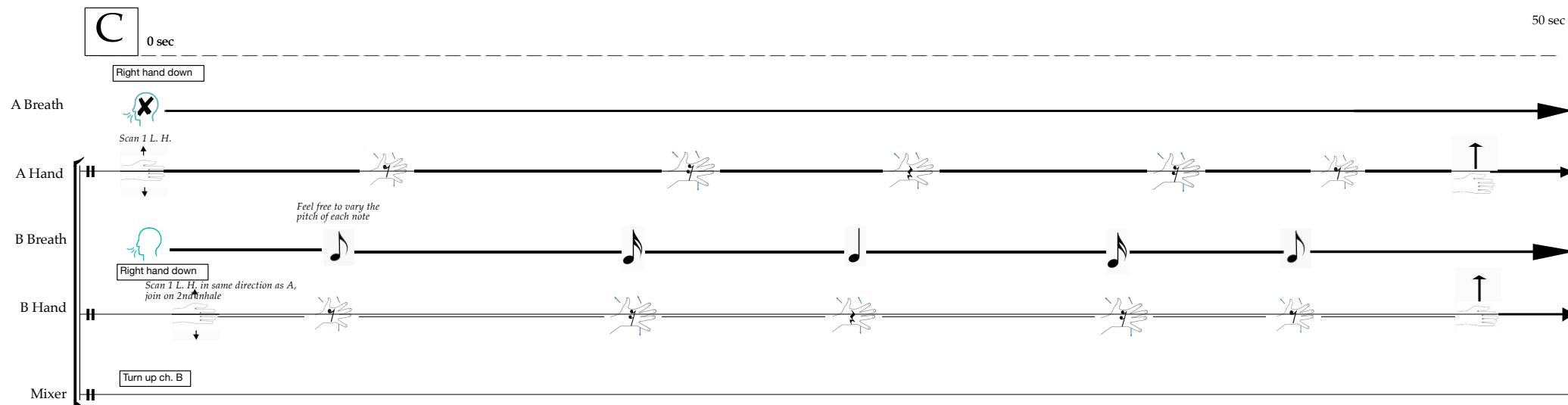


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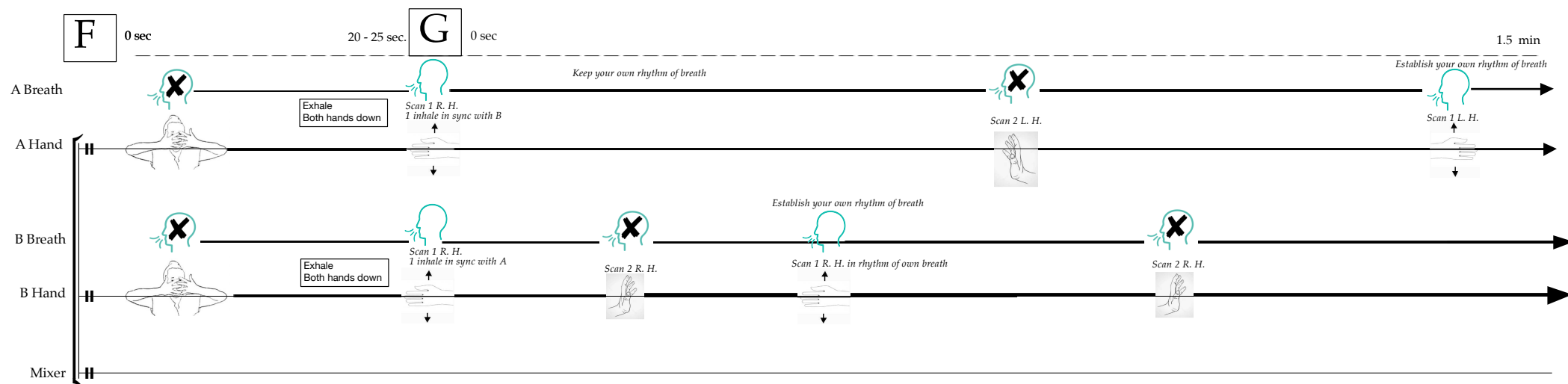
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## Outro

