

## Répétitions

for solo flute and addcorder



Jan Martin Smørdal

Composed for Alessandra Rombola, 2021

"Répétitions" is a real-time sound sculpting piece to be performed using a specially made pedal recording device, called addcorder. The addcorder is provided for by the composer, see below.

To perform this piece 2 active speakers are needed (e.g. Genelec 80xx), with cables (2 x male xlr-to-jack) and stands.

System A) of the score is to be performed exclusively using a technique similar to whistle tones, the difference being all tones are produced through inhaling. Please watch instructional video with Alessandra Rombola: <http://smordal.no/repetitionsinstructions>  
System B) depicts noise spectre of air sounds which the performer interpret through techniques of her/his own choosing. It is encouraged to make use of the widest possible array of mouth shapes to broaden the spectre, from closed-embouchure "CH" to half-open "S".  
The first 3-4 minutes, only system A) is used. After that, the performer chooses to alternate between the systems. The performer is encouraged to repeat sections and system at least 3-6 times, before advancing/switching.

The addcorder is operated with a silent momentary foot pedal. From the soundcard, 2 active speakers are needed, as mentioned. To the soundcard a suitable microphone is needed (e.g. DPA 4088). 2 stage plots are possible:

1) with the performer on stage, in the middle of the 2 speakers.

In this configuration, the speakers needs to be ca. 1 meters in front of the performer, due to the risk of feedback.

2) The performer is placed behind the audience, facing the stage. The speakers are on stage, as in the former stage plot.

The piece will be different with each performance; It is an additive process, rather than a fixed work. The form and texture will on each performance emerge, so to speak, though the structure will be in some sense fixed. The performer is invited into the sculpting of a sound object, listening and constantly reacting to what is being created, solely based on the score.

### How does it work?

When the pedal is pressed the device execute these actions:

1) Record what is played.

2) The recorded and amplified direct sound is played through the speakers, centred (at first).

3) All previously recorded sounds are played back (if any) once, and at the same time.

4) All previously recordings are continuously evenly distributed in the stereo spectrum.

When the pedal is released (no longer pressed) all audio and monitoring/amplifying stops immediately, creating a natural and/or musical rest.

If the pedal is pressed, but the performer chooses not to play we hear only all the previously recorded takes. The performer can also wait for a dub later in the ever expanding sound. The performer is encouraged to repeat the lastly played segment several times, before choosing a new, expanded, or rest-based segment.

The addcorder was realized by Mads Kjeldgaard at Notam, Oslo, 2021. Concept by the composer, in collaboration with Kjeldgaard.

Please contact composer to obtain an addcorder :

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