**Pulses**

Composed by Nathan Villicana-Shaw

for the CalArts AV Ensemble, Spring 2015

**OSC Notes :** This file will only work with OSC and requires that all performers have a Korg Nano Kontrol2 or an equivalent midi controller (8 knobs, 8 sliders and 16 momentary pushbutton switches are required). Run the Pulses\_v1.pd file on your pi. Then run your midi to OSC converter. Move a slider on your controller and made sure PD does not throw an error on your PC, if it doesn’t you are good to go.

**Controller Config Notes :** each player of each group is required to randomly position their sliders and knobs to positions between 20-80% before the composition begins.

**Set-up :** All performers should set up in a large circle with their speakers facing a central focal point. Each performer should set up in front of, but close to, their speaker. Each player should **get OSC working and press the first “top” button** to get the programs frequencies assigned. Alternating in a clockwise fashion each player is assigned to group A or group B and follows the according score.

**0:00**

**0:15**

**0:30**

**0:45**

**1:15**

**1:45**

**2:15**

**3:30**

**4:30**

**5:15**

**6:00-6:45**

**0:00**

**0:15**

**0:45**

**1:00**

**1:15**

**1:30**

**2:30**

**3:15**

**3:45**

**4:15**

**5:00**

**5:45-**

**6:30-7:00**

**Group A**

Press the first “bottom” button and move the first four knobs and sliders to a random position. (it is important you physically move each)

Do Nothing

press the first “top” button

freely turn the first knob

press the second “top” button and freely manipulate your sliders and knobs

Freely press the first two “top” or “bottom” buttons

Improv : freely improve using the first first two knobs, sliders, “top” and “bottom” buttons.

Bring Back : try to blend back In with everyone else, when you feel you are blended press your third “top” button

Stop and Listen

Press your fourth “top” button and then rhythmically adjust your four sliders

Keep only one slider up at a time but alternate between sliders. Find your highest pitched voice.

Fade out all sliders except for your highest voice. Use knob to try and tune with ensemble as best as you can

Slowly but rhythmically press your “top” button for your highest voice while

Slowly fade out

**Group A**

Press the first “bottom” button and move the first four knobs and sliders to a random position. (it is important you physically move each)

press the first “top” button

freely turn the first knob

press the second “top” button.

Feel free to press either of the first two bottom buttons whenever you want

Stop pressing buttons but manipulate your first two knobs and sliders freely

Stop and listen

Press your third “top” button and then use your knobs and sliders to blend your sound with those around you

Improv : try to build intensity, when you don’t think you can make things more tense press your fourth “top” button and keep going.

Stop pressing buttons. Slowly bring your sliders down and adjust knobs to try and calm down the mood.

Keep only one slider up at a time but alternate between sliders. Find your lowest pitch voice.

Fade out all sliders except for your lowest voice. Use knob to try and tune with ensemble as best as you can while slowly fading out

Attempt to match with the rest of the ensemble but NEVER increaser your sliders; only decrease them.

Slowly fade out all of your sliders