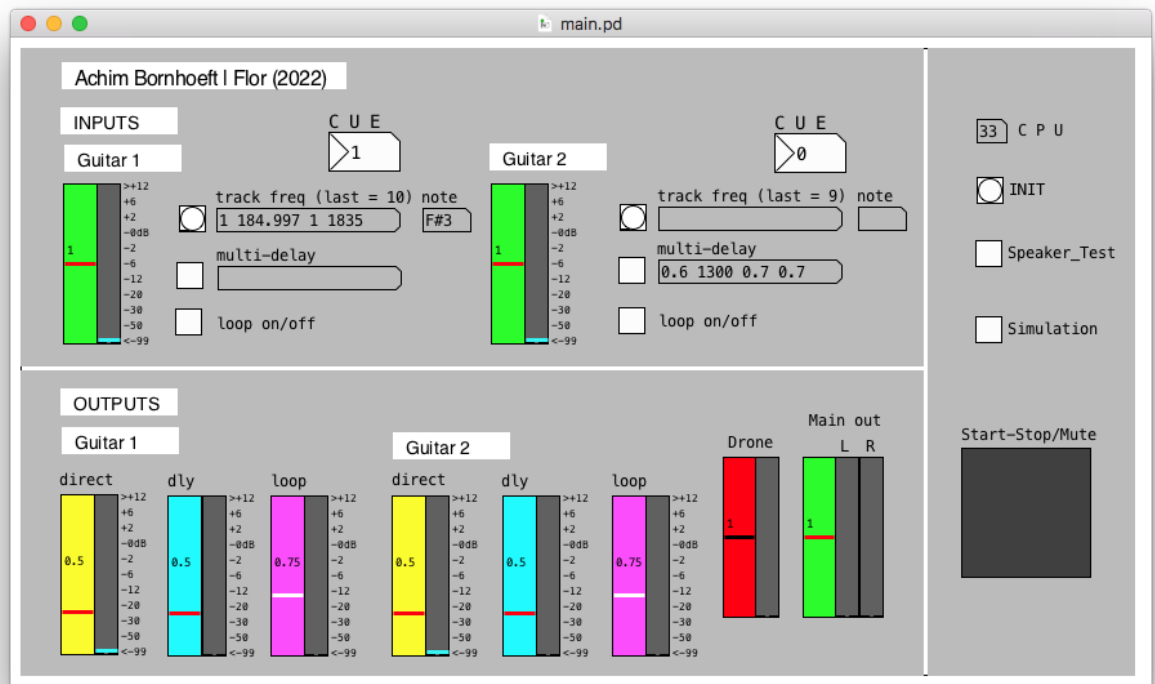


**Achim Bornhoeft**  
**Flor**  
**2 Electric guitars, Live electronics (2 channel)**  
© 2022

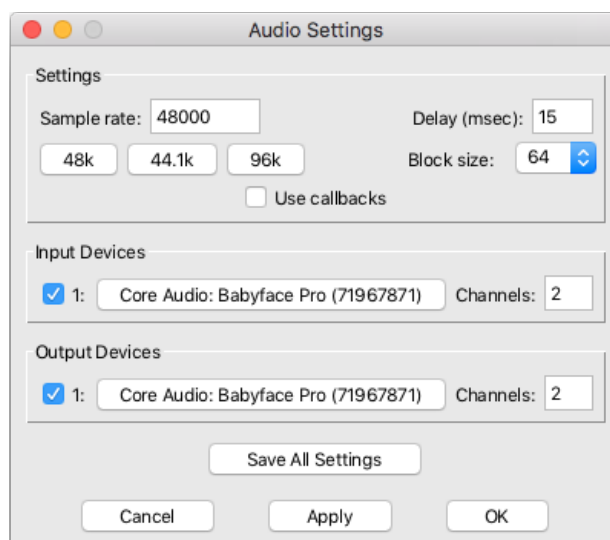
Installation

1. Download and install Puredata (PD-0.52-x):  
<http://puredata.info/downloads/pure-data>
2. Open main.pd



General Setup

1. Connect the 2 guitars to the computer with an audio interface: the first to channel 1, the second to channel 2. Select the interface in Puredata in Preferences – Audio.



2. Connect the stereo output to the mixing console or directly to the speakers: channel 1 = left, channel 2 = right
3. Connect one MidiMouse for each player with a Midi interface to the computer:  
<https://www.tech21nyc.com/products/effects/midi-mouse/>



4. Select the MIDI Interface in PureData in Preferences – MIDI. Click on "Multiple Devices" and choose the devices on port 1 and port 2.

#### Set up the patch

1. Click "Start-Stop/Mute" toggle to activate patch
2. Click "Speaker\_Test" to check general output
3. Setup both guitar input (Green) and direct out levels (Yellow)<sup>1</sup>

#### Run the patch

1. "CUE" displays the current cue of each guitar as written in the score. Step through the cues with the Midi Mouse. You can jump to a specific cue directly in the patch by clicking on the number box, enter the number and click return. Press "r" to start from the beginning. Press "alt-s" for mute the audio output.

#### Simulation

1. Click on "Simulation" to start playing the patch with a dummy sound.
2. Step through the cues with "shift – space + 1" for guitar + 1 and "shift – space + 2" for guitar 2.

---

<sup>1</sup> If you want to save the initial fader states of the patch right-click on the patch, choose "Open" and click on [pd init] to change the values. Save the changes.