

Alias States

for piano and electronic drumkit

Olly Sellwood
2019

for Siwan Rhys and George Barton

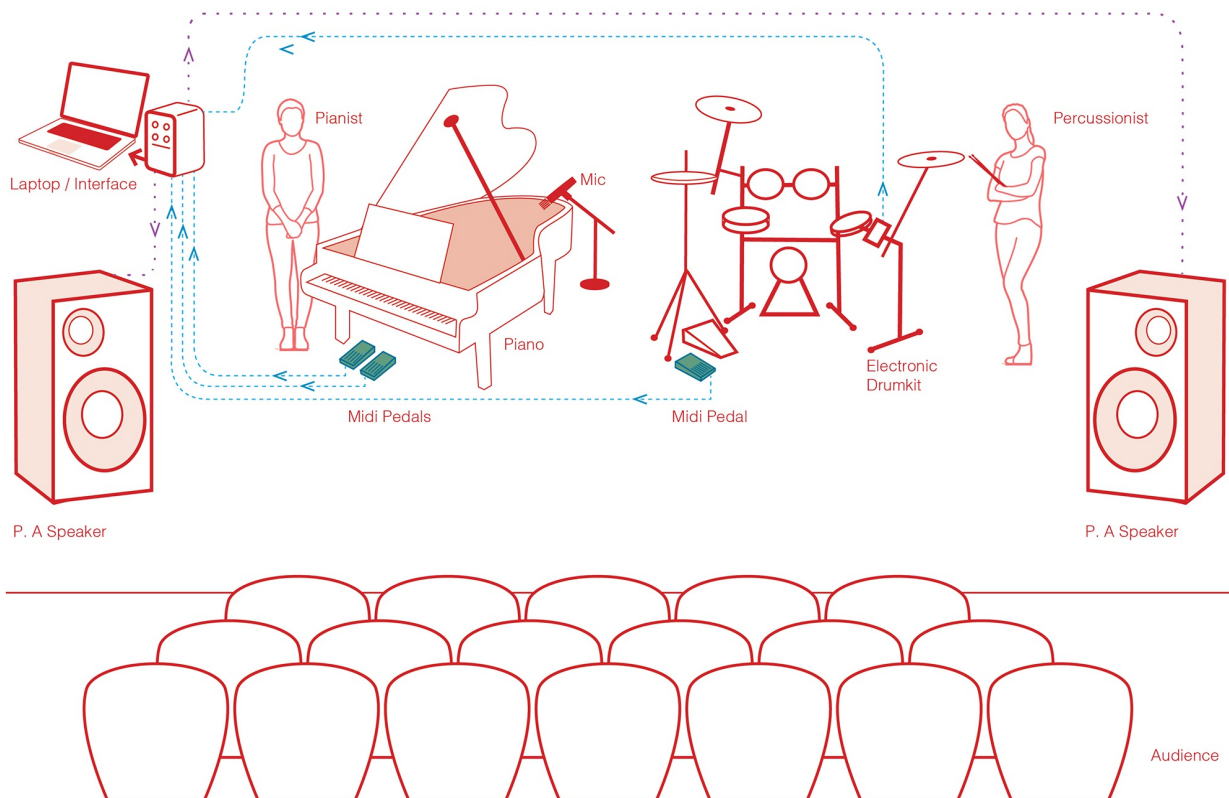
Technical Information

Equipment:

- > Grand piano
- > Electronic drum kit [kick, snare, hi-hat, hi-hat pedal, two rack toms, floor tom, two crashes]. The rim of the snare must be able to send a separate MIDI note.
- > PA system with two speakers
- > Laptop running Ableton Live 9 Suite. Patch available here:
https://www.dropbox.com/sh/9uzg3pru19yjkzt/AAC_cOSFpr7sihqC5dJywGM9a?dl=0
- > Audio/MIDI interface
- > MIDI lead
- > 3 Keyboard sustain pedals capable of outputting MIDI data
- > Drum sticks
- > Microphone for the piano and optional volume pedal

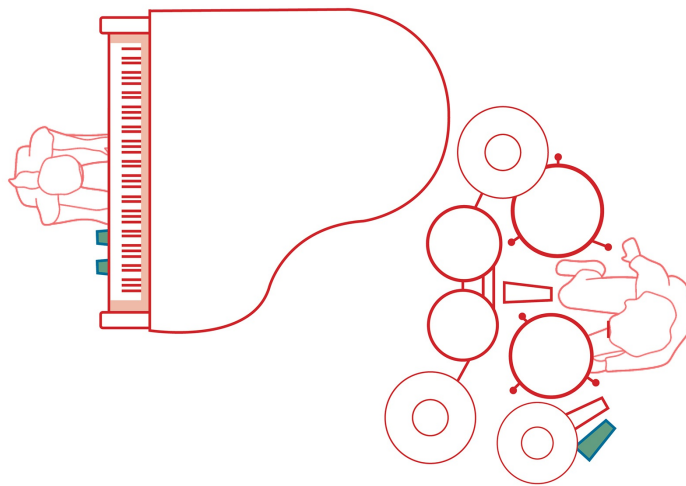
Set-up Information

- 1) Assemble the electronic drumkit and plug the MIDI cable from the MIDI out of the drum module to the MIDI in of the audio/MIDI interface.
- 2) Test that Ableton can read the incoming MIDI messages.
- 3) In Ableton's audio preferences set the buffer size to a suitable setting to avoid any latency.
- 4) In Ableton, arm all the tracks.
- 5) Make sure that the outputted MIDI notes from each pad (via the drum module) match with the notes in each drum channel in Ableton. If not change the MIDI notes via the drum module, not Ableton.
- 6) You may need to adjust the sensitivity and threshold parameters of the pads. Do this via the drum module.
- 7) Plug the keyboard sustain pedals into the audio interface. This may require a separate interface to convert the data into MIDI data.
- 8) Plug the output of the audio/MIDI interface into the PA system and adjust the volume between the individual pads, which should be all equal, and then balance the electronic drumkit with the acoustic piano, which should also be equal.

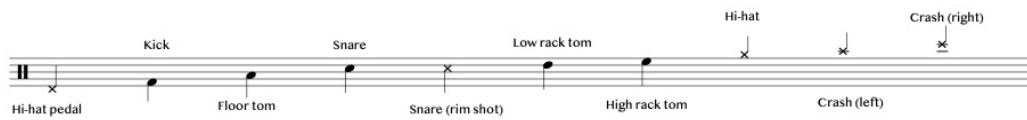


Stage Set-up

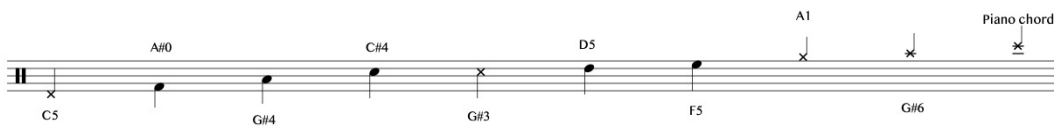
- > Place the PA speakers on stands, one either side of the instruments.
- > Place a microphone in the piano, this can be set up so a sound engineer adjusts the sound or the pianist can do so through a volume pedal.
- > The electronic drum module has a volume dial on it and should be set at 75% at the beginning of the piece, this is then turned up to 100% at Rehearsal Mark 7.
- > Open the piano lid fully or remove the lid. Place the laptop behind the piano and out of sight of the audience.



Drum Notation Key



These are the piano notes that are assigned to each electronic drum pad:



Performance Information

The piano player plays the grand piano and activates two arpeggiated notes via the two extra keyboard sustain pedals, which are placed next to the other piano pedals. The first arpeggiator (top line) is on C#4. The second arpeggiator (bottom line) is on E5. Both arpeggiators are velocity sensitive.

The percussionist plays the electronic drumkit and, additionally, a piano sustain pedal. Each drum pad has a piano note assigned to it.

The sustain pedal triggers a longer piano sample.

All of the notes and the sample are velocity sensitive; the harder they are hit (or depressed), the louder the note/sample sounds.

1 ♩ = 75 quiet and mechanical

Piano (B) mp

Pedals (Pno.) mp

Electronic Drumkit mp

Pno. 5 8

Ped.

E. Dr.

Pno. 9

Ped.

E. Dr.

13

Pno.

Ped.

E. Dr.

Ped. _____
mp [ped. vol.]

2

17

Pno.

Ped.

E. Dr.

mf

mp

p

Ped. _____

mp

p

23 *loco*

Pno. *mf*

Ped. *p*

E. Dr. *mp*

28

Pno. *mp* *mf*

Ped. *mp* *mf*

E. Dr.

32 (B)

Pno. *mp*

Ped. *mp*

E. Dr. *mp*

Ped. *mp*

37

Pno.

E. Dr.

mf

Ped.

3 With energy

(B)

40

Pno.

E. Dr.

mf

43

Pno.

E. Dr.

46

Pno.

E. Dr.

49 *loco*

Pno.

E. Dr.

52 *f* *mf*

Pno.

E. Dr.

f

mf

Ped.

54 *pp*

4 *loco*

Pno.

E. Dr.

pp

Ped.

Ped. [sempre]

pp

59

Pno.

Ped.

Detailed description: This system covers measures 59 to 62. The Pno. staff has a treble clef and a key signature of two flats. It features a complex texture with triplets and sixteenth-note patterns. The Ped. staff shows a single half-note pedal point in the first measure, followed by rests.

E. Dr.

Detailed description: This system covers measures 59 to 62 for the E. Dr. part. It features a steady eighth-note pattern with occasional accents and rests, corresponding to the piano accompaniment.

63

Pno.

Ped.

Detailed description: This system covers measures 63 to 66. The Pno. staff continues with dense chordal textures and triplets. The Ped. staff has a long, sustained pedal point in the final measure, marked with a piano (*pp*) dynamic.

E. Dr.

Detailed description: This system covers measures 63 to 66 for the E. Dr. part. It continues with eighth-note patterns and includes a triplet of eighth notes in the first measure.

67

Pno.

Ped.

Detailed description: This system covers measures 67 to 70. The Pno. staff features a mix of chords and melodic lines with triplets. The Ped. staff has a half-note pedal point in the first measure, followed by rests.

E. Dr.

Detailed description: This system covers measures 67 to 70 for the E. Dr. part. It features eighth-note patterns with various rests and accents, including a triplet of eighth notes in the first measure.

71

Pno.

Ped.

E. Dr.

(F)

(B) (D)

(E)

77

Pno.

Ped.

E. Dr.

84

Pno.

Ped.

E. Dr.

(E)

(C)

[lift pedal] *

p pp p pp p pp p

*1 All tremolomarks = 32nd notes for the note duration

90 **5**

Pno. (C#) *pp* *f* *p* *f*

Ped. *f* *p* *f*

E. Dr. *f* *pp* *p* *f* *pp*

96

Pno. *p* *f* *p* *f* *p* *f*

Ped. *p* *f* *p* *f* *p* *f*

E. Dr. *p* *f* *pp* *p* *f* *p* *f* *p* *f*

99

Pno. *mf*

Ped. *f* *p*

E. Dr. *pp* *f* *pp* *p*

103

Pno. *loco*

Ped.

E. Dr.

f *3* *3* *ff* *(D)* *(C)* *(A)* *(Bb)* *(D)* *(E)* *(C)*

107

Pno.

Ped.

E. Dr.

mp *mf* *mf*

6 ♩ = 150 [♩ = ♩]

111

Pno.

Ped.

E. Dr.

mf *mf*

116

Pno.

Ped.

E. Dr.

mf *mf* *p*

121

Pno.

Ped.

E. Dr.

f *f* *f* *f* *sim.*

126

Pno.

Ped.

E. Dr.

sim. *mp*

133

Increase piano volume slightly

Pno. **ff**

Ped. **f**

E. Dr. **ff**

139

Pno.

Ped.

E. Dr.

142

Pno.

Ped.

E. Dr.

145

Pno.

Ped.

E. Dr.

148

x4 **7** Increase volume of the piano in preparation for rehearsal mark 8 x10

Pno.

Ped.

E. Dr.

mf

150

x6

Pno.

Ped.

E. Dr.

ff

153 **8** Expansive

Pno. *ff* 3

E. Dr. *f* Ped. *f*

155

Pno. 3

E. Dr. 3

157

Pno. 3

E. Dr. 3

159

Pno. 3

E. Dr. 3

161

Pno.

E. Dr.

Ped.

164

Pno.

E. Dr.

Ped.

167

Pno.

Ped.

E. Dr.

170

Pno.

Ped.

E. Dr.

ff

Musical score for measures 170-172. The piano part (Pno.) has rests in all three measures. The pedal part (Ped.) has a long line with a **ff** dynamic. The electric drum part (E. Dr.) has a rhythmic pattern of eighth notes with 'x' marks.

9

173

Pno.

E. Dr.

Ped.

ff

Musical score for measures 173-175. The piano part (Pno.) has triplets. The electric drum part (E. Dr.) has a rhythmic pattern. The pedal part (Ped.) has a long line with a **ff** dynamic.

176

Pno.

E. Dr.

Musical score for measures 176-178. The piano part (Pno.) has triplets. The electric drum part (E. Dr.) has a rhythmic pattern.

178

Pno.

E. Dr.

180

Pno.

E. Dr.

Ped.

182

Pno.

E. Dr.

185

Pno.

E. Dr.

Ped.

188

Pno.

Ped.

E. Dr.

10 Piano to full volume

192

Pno.

Ped.

E. Dr.

ff

196

Pno.

E. Dr.

Ped.