

Trio

for Eb clarinet, Bass clarinet and electronics

Shu-Yu Lin
July 2018

Explanatory Notes

Eb clarinet

①	Step on the 'go' button on the foot pedal to trigger sound file 1; '2' refers stepping on the button again to trigger sound file 2 etc.
②	
③	

Electronics

1 2 3	The numbers refer to specific sound file. 1 refers to sound file 1, 2 refers to sound file 2 etc. There are in total of 86 sound files.
-------------	---

Eb clarinetist will trigger sound files by stepping on the 'go' button on the pedal controller. Trigger indications are specified on the score.

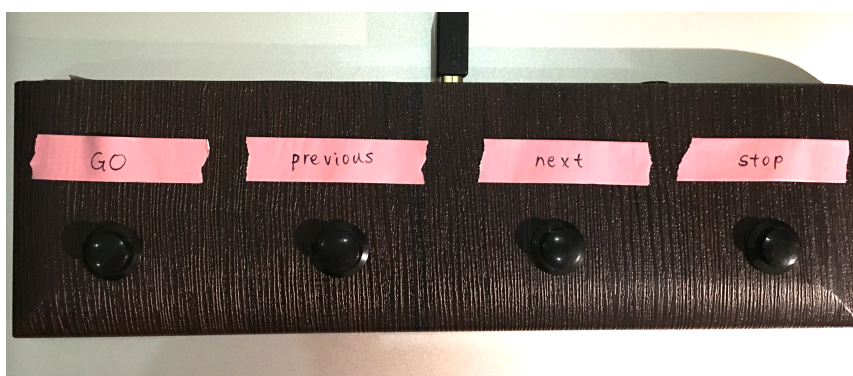
Technical specification

Ultimate Megaboom 3 Bluetooth speaker

ActioN 4 button midi foot pedal

Laptop computer running QLab software

Labels on the ActioN controller



Link to sound files and script

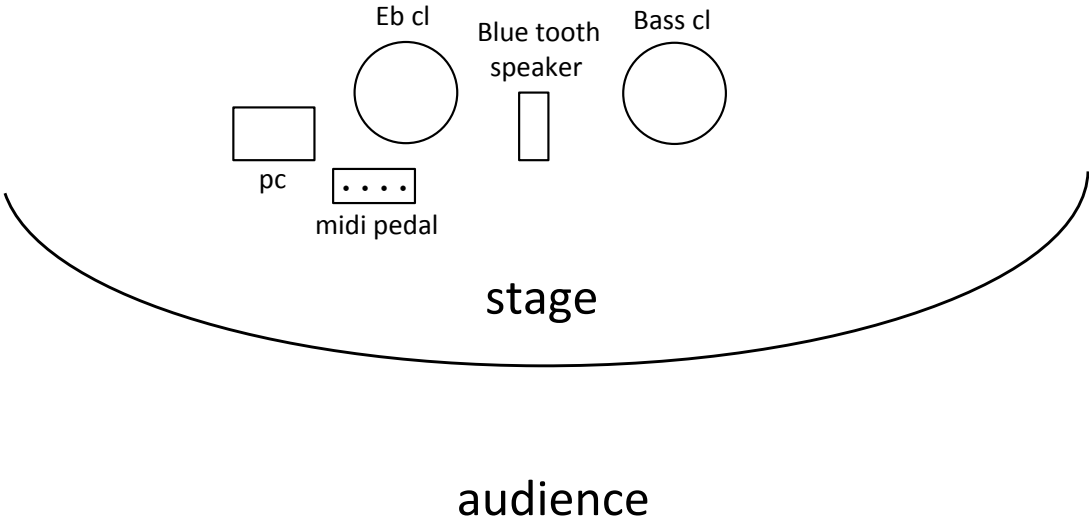
https://github.com/shuyulin/trio_clsEle

This link directs to the repository that contains the QLab file and sound files for performance. The directory of the sound files needs to be modified in order to playback the specific file. For reference, the SuperCollider script and pre-recorded clarinet sound, which were used to generate some of the performance sound files, are also included the repository.

Source of sound material

The sound files are created from two sources. The main one is generating from the midi in SuperCollider, the other is modifying the pre-recorded clarinet sound. The clarinetist Chiung-Yu Ku, who is a frequent collaborator, played for the recording.

Stage plan



Trio

for Eb and Bass Clarinet and Electronics

Shu-Yu Lin

$\text{♩} = 50$

System 1 (Measures 3-4):
Clarinet in Eb: *ff*, *mf*, *ff*, *p*, *mf*
Bass Clarinet: flutter - nat. flutter - nat.
Electronics: *fff*, *p*, *fff*, *p*

System 2 (Measures 5-6):
Eb Cl.: *ff*, *p*, *f*, *ff*, *p*, *mf*, *p*
B. Cl.: poco vib. - nat.
Electronics: (1) *p*, *mf*, *fff*

System 3 (Measures 7-8):
Eb Cl.: *p*, *f*, *fff*, *pp*, *f*, *f*, *f*, *p*
B. Cl.: poco vib. - nat.
Electronics: (2) *mf*, *pp*
Electronics: (3) *f*

2

9

vib. - - - nat.

E♭ Cl. *ppp* *pp* *ff*

B. Cl. *f* *sf* *p*

Elec. 7 (6) 8

11 *tempo libre*

E♭ Cl. *tempo libre*

B. Cl. *f* *mf* *p* *ff*

Elec. 9 (8) 10 11 12 13 14

13

E♭ Cl. *sf* *p* *f* *mf* *f* *mf*

B. Cl. *sf* *p* *mf* *mf* *f* *mf* *sf* *p* *f* *pp* *molto vib.*

Elec. 13 15

15

rit. *a tempo* (♩ = 50)

E♭ Cl. *p* *f* *p* *f* *f* *p* *fff*

B. Cl. *rit.* *a tempo* (♩ = 50) *f* *f* *ff*

Elec. 15 16

16

E♭ Cl. *mf* *p* *mf* *molto rit.*

B. Cl. *mf* *p* *f* *mf* *molto rit.*

Elec. 17 18

Detailed description: This system covers measures 16 to 18. The E♭ Clarinet part starts with a *mf* dynamic, followed by a *p* dynamic, and then returns to *mf*. The Bass Clarinet part starts with *mf*, goes to *p*, then *f*, and finally *mf*. Both parts are marked *molto rit.* (molto ritardando). The Electric Bass part is indicated by a bracket spanning measures 17 and 18.

17

E♭ Cl. *mf* *f* *subito p* *a tempo*

B. Cl. *f* *p* *p* *f* *a tempo*

Elec. 17 19

Detailed description: This system covers measures 17 to 19. The E♭ Clarinet part starts with *mf*, increases to *f*, then drops to *subito p* (suddenly piano), and is marked *a tempo*. The Bass Clarinet part starts with *f*, goes to *p*, then *p*, then *f*, and is also marked *a tempo*. The Electric Bass part is indicated by a bracket spanning measures 17 and 19.

18

E♭ Cl. *f* *p* *f* *ff* *p* *f* *ff*

B. Cl. *p* *f* *p* *f* *p* *f* *f*

Detailed description: This system covers measures 18 to 19. The E♭ Clarinet part has dynamics *f*, *p*, *f*, *ff*, *p*, *f*, and *ff*. The Bass Clarinet part has dynamics *p*, *f*, *p*, *f*, *p*, *f*, and *f*.

19

E♭ Cl. *fff* *f* *p* *f* *p* *f* *p* *nat.* *5* *3* *5*

B. Cl. *f* *p* *mf* *p* *tr* *nat.* *ff* *ppp*

Elec. 19 20

Detailed description: This system covers measures 19 to 20. The E♭ Clarinet part starts with *fff*, followed by *f*, *p*, *f*, *p*, *f*, *p*, and *nat.* (natural). It includes a 5-measure slur, a 3-measure slur, and another 5-measure slur. The Bass Clarinet part starts with *f*, goes to *p*, *mf*, *p*, then *tr* (trill), *nat.*, *ff*, and finally *ppp*. The Electric Bass part is indicated by a bracket spanning measures 19 and 20.

4

21

E♭ Cl. *f* *ppp* *mf* *f*

B. Cl. *mf* *f* *p* *f*

Elec. 21 22

23

tempo libre

E♭ Cl. *ppp*

B. Cl. *ppp* *ppp*

24

E♭ Cl. *mf*

B. Cl. *mf*

Elec. 24 23

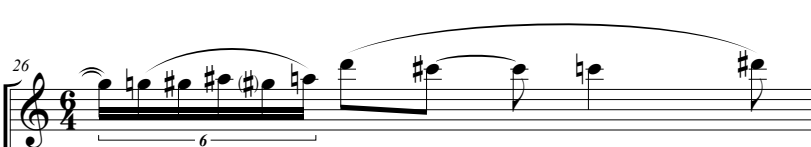
25


E♭ Cl. 3 5 3

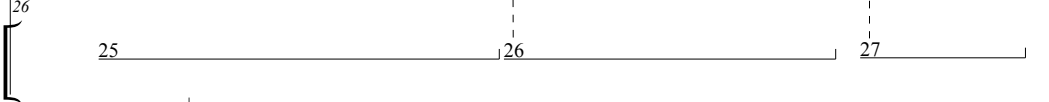
B. Cl. 3 6 5 3

Elec. 25 (23) 24


26

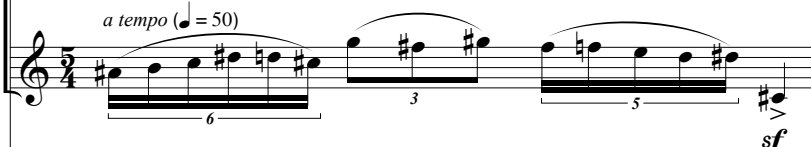
E♭ Cl. 


B. Cl. 

Elec. 

27

E♭ Cl. *a tempo* (♩ = 50) 

B. Cl. *a tempo* (♩ = 50) 

Elec. 

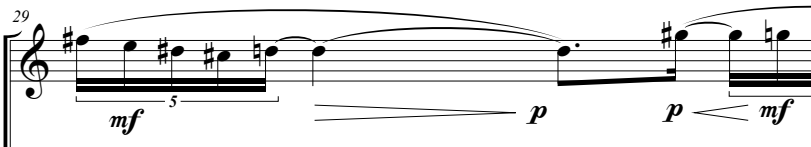
28

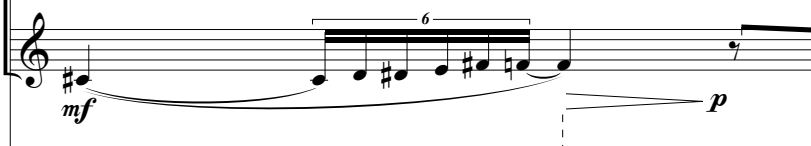
E♭ Cl. 

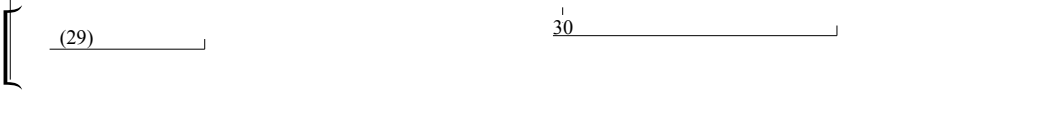
B. Cl. 

Elec. 

29

E♭ Cl. *mf* 

B. Cl. *mf* 

Elec. 

6

30

E♭ Cl. *p* *mf* *p* *p* *f* *p* *f*

B. Cl. *p* *mf* *p* *mf* *f*

Elec. 30 31 32

32

E♭ Cl. *sf* *fff*

B. Cl. *p* *fff* *p* *fff*

Elec. 32 33 34

34

E♭ Cl. *mf* *fff* *p* *f* *p*

B. Cl. flutter *p* *fff*

Elec. 34 35 36

36

E♭ Cl. *f* *p* *f* *p* vib.

B. Cl. nat. flutter nat. vib. *p* *fff* *p* *mf*

Elec. 36 37 (36) 38

39 nat.

E♭ Cl. *fff* *p* *f* *sp* *fff* *p* *f* *p*

B. Cl. nat. *p* *fff* *p* *f* *p* *f* *sf* *p* *f* -----vib.

Elec. 39 (38) 40 41

42 nat. *f* *p* *p* *f* *f* *p* -----molto vib. nat. *p* *f* *f* *p* -----molto vib. nat.

E♭ Cl. *f* *p* *p* *f* *f* *p*

B. Cl. nat. *sp* *f* -----molto vib. nat. *sp* *f* -----molto vib. nat. *f* *p*

Elec. 42 43 44

45 *tempo libre* *f* *mf* *f*

E♭ Cl. *f* *mf* *f*

B. Cl. *tempo libre* *f* *f*

Elec. 45 46 47

48 *p* *f* *p* *rit.* *a tempo* (♩ = 50) *rit.* *f*

E♭ Cl. *p* *f* *p* *rit.* *a tempo* (♩ = 50) *rit.* *f*

B. Cl. *f* *p* *f* *rit.* *a tempo* (♩ = 50) *rit.* *f*

Elec. 48 49

50 *a tempo* (♩ = 50)

E♭ Cl. *mf* *f* *p* vib. nat.

B. Cl. *f* *p*

Elec. 50

51

E♭ Cl. *mf* *f*

B. Cl. *mf* *f*

Elec. 51

52

E♭ Cl. *mf*

B. Cl. *mf*

Elec. 52 ~20" 53

54 *rit.*

E♭ Cl. *fff* *p* *f* *fff*

B. Cl. *f* *fff* *f* *p*

55 *a tempo* (♩ = 50)

E♭ Cl. *tr* ----- nat. vib. ----- nat.

B. Cl. *a tempo* (♩ = 50) flutter ----- nat. vib. -----

Elec. 55 54

57

E♭ Cl.

B. Cl. nat. rit. ----- molto rit.

Elec. 57 55 (54)

58 ♩ = 60 ~33" *a tempo* (♩ = 50) 6 6

E♭ Cl. *pp*

B. Cl. ♩ = 60 ~33" *pp* *a tempo* (♩ = 50) *pp*

Elec. 58 56 57

61

E♭ Cl. *f* *mf* 5 *mf* 7 *f*

B. Cl. *f* 5 *f* 6 *mf* 6 *f*

Elec. 61 58 59

63

E♭ Cl. *f* *mf* *mf* *pp*

B. Cl. *mf* *mf* *sf*

Elec. 60 61

65

E♭ Cl. *mf* *p* *mf* *p* *mf* *f*

B. Cl. *p* *mf* *p* *mf* *f*

molto rit.

66

E♭ Cl. *p* *f*

B. Cl. *p* *f*

accel.

67

E♭ Cl. *mf* *ff*

B. Cl. *mf* *ff*

a tempo (♩ = 50)

68

E♭ Cl. *f* 6 6 3 6

B. Cl. *f* 6 6 6 6 6

69

E♭ Cl. *ff* *ppp* *mf* flutter nat. *ff* *p* *ff* nat. *molto vib.* *nat.* *vib.* *molto vib.*

B. Cl. *p* *ff* *ppp* *p* *ff* *p* *molto vib.* *nat.* *poco vib.* *molto vib.*

Elec. 62 63

71

E♭ Cl. *p* *ff* *p* *ff* *p* *nat.* *molto vib.* *nat.* *vib.* *nat.*

B. Cl. *ff* *p* *ff* *ff* *p* *ff* *nat.* *molto vib.* *nat.*

Elec. 64 65

73

E♭ Cl. *mf* *f* press Eb key on Bass clarinet simultaneously to create trill fast slow fast slow fast

B. Cl. *mf* *pp* *f* *p* *ff* *p* *multiphonique*

Elec. 66 (65)

76

E♭ Cl. *f* *mf* *p* *f* *mf* *p* *f*

B. Cl.

Elec. 67

78 $\text{♩} = 60$ ~15"

E♭ Cl. *mf* *f*

B. Cl. *mf* *sf* > *p* *fff*

Elec. 68 $\text{♩} = 60$ ~15"

80 *molto rit.*

E♭ Cl. *fff* *p* *p* *mf* *sf* *p*

B. Cl. *mf* *f* *p* *mf* *sf* *p*

81 $\text{♩} = 30$ *accel.*

E♭ Cl. *p* *f* *fff*

B. Cl. $\text{♩} = 30$ *accel.* *p* *f*

82 *a tempo* (♩ = 50)

E♭ Cl.

B. Cl. *a tempo* (♩ = 50)
flutter ----- nat. very slow vib.

Elec. 69 *p* *fff* *p*

84 very slow vib.

E♭ Cl. *sf*

B. Cl. nat.

Elec. 84 *ppp*

86

E♭ Cl. *ppp* *mf*

B. Cl. *ff* *mf*

Elec. 70

87

E♭ Cl. *mf*

B. Cl. *mf*

Elec. 71

14

88 *tr* nat. *tr* nat. *tr*

E♭ Cl. *f* *pp* *pp* *mf*

B. Cl. *f* *mf* *f*

Elec. (71) 72

88

90 *molto rit.* *p* *mf* *f* *f* = 60

E♭ Cl. 6 6 3 6

B. Cl. *molto rit.* *p* *mf* *p sf* = 60

Elec. (72) 73 74

92 = 30 = 30 *mf* *mf* *molto vib.*

E♭ Cl. 7 6

B. Cl. *mf* 7 6

Elec. 75

93 *a tempo* (♩ = 50) *f* *p* *f*

E♭ Cl. *a tempo* (♩ = 50) *f* *nat.*

B. Cl. *f* *nat.*

Elec. 76

94

E♭ Cl. *f* *p* *mf*

B. Cl. *p* *f*

Elec. (76) 77

95

E♭ Cl. *mf* *p* *mf* *sf*

B. Cl. *mf* *sf* *p*

Elec. 78

♩ = 30

96

E♭ Cl. *mf* *mf* *f* *pp* *p* *mf*

B. Cl. *mf* *p* *mf* *p* *mf*

Elec. 79

97

E♭ Cl. *mf* *p* *mf* *p*

B. Cl. *mf* *p*

Elec. 80

a tempo (♩ = 50)

16

98

E♭ Cl. *ff* *ppp* *ff* *ppp* *mf* *p*

B. Cl. *ff* *ppp* *ff* *pp* *f* *mf* *p*

Elec. 81 82 83

101

E♭ Cl. *mf* *p* *mf* *p mf* *3* *p*

B. Cl. *mf* *p* *mf* *p mf* *5* *p mf* *5* *p mf*

Elec. 101 84 85

103

E♭ Cl. *mf* *3* *p mf* *p* *f* *p*

B. Cl. *p mf* *p* *mf* *3* *p* *3*

Elec. 103 (85)

104

E♭ Cl. *mf* *3* *p* *vib. nat.* *mf* *pp* *p* *ppp*

B. Cl. *mf* *p* *p* *pp* *pp*

Elec. 104 (85) 86