

Maximilian Marcoll

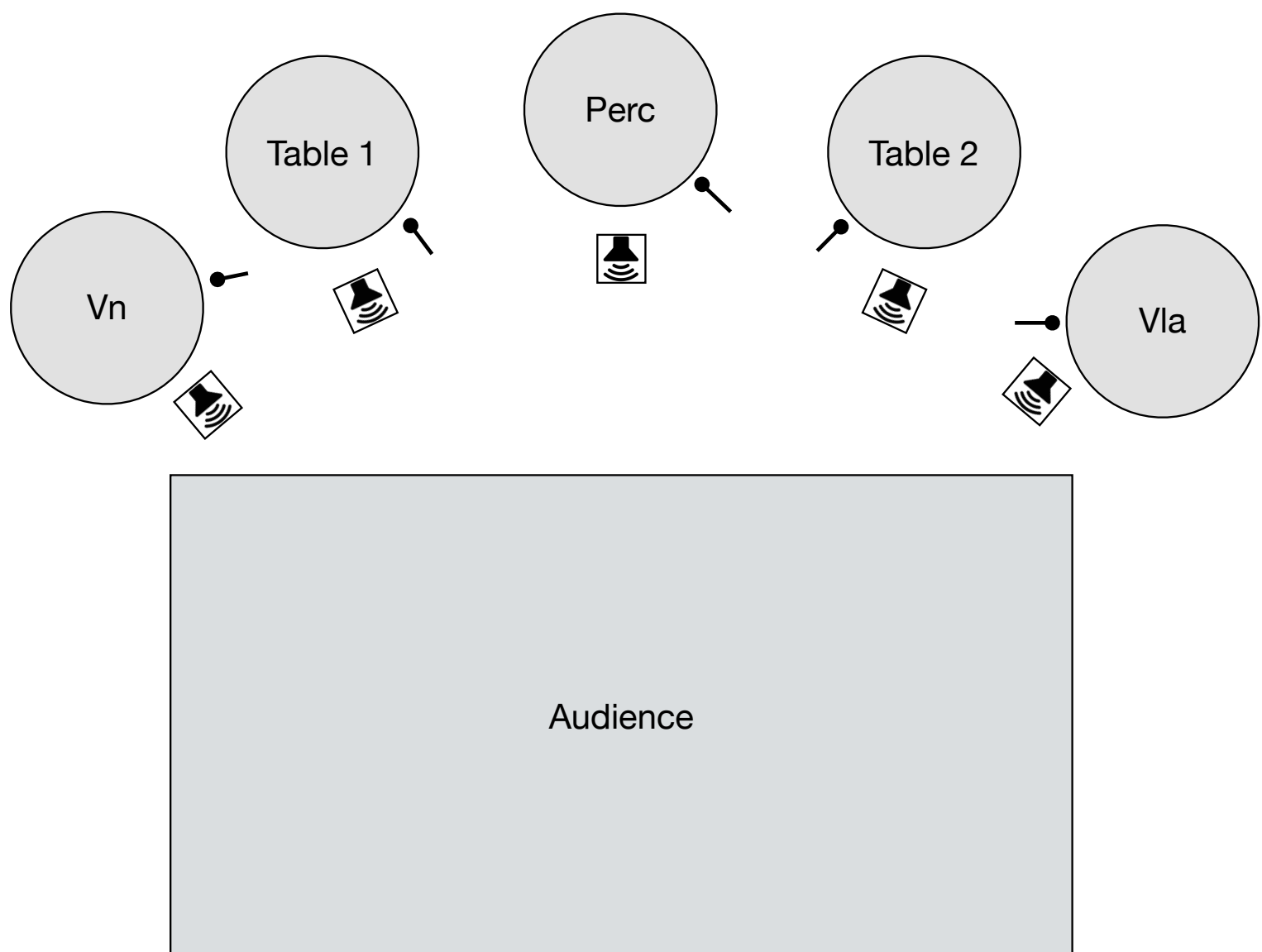
Compound No. 4 : *FRICTION MACHINE ALARM SIGNAL CONSTRUCTION*

for violin, viola, percussion, two ad hoc players and electronics

percussion

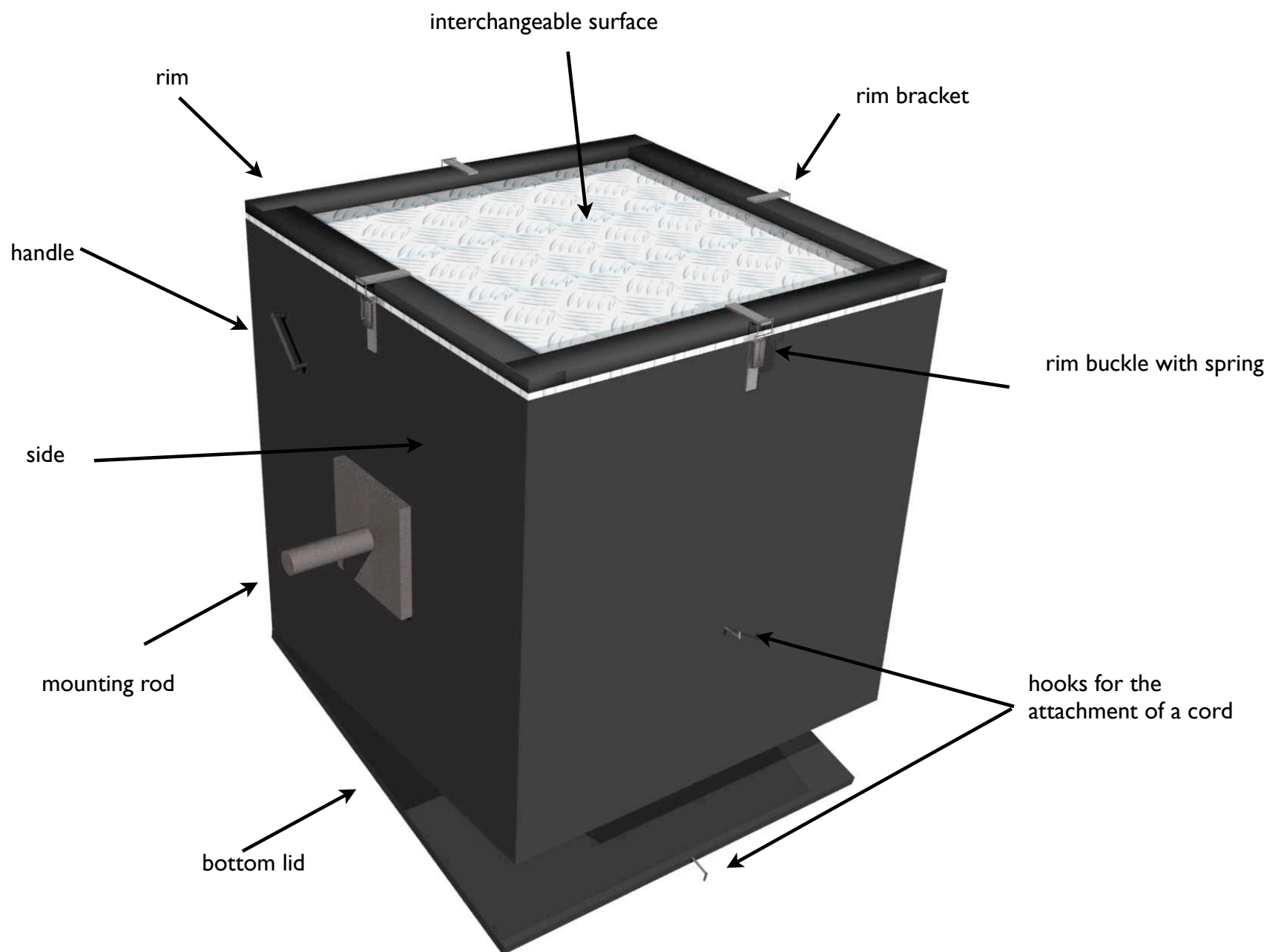
SETUP

The players should be placed in a wide circle in front of the audience. A loudspeaker is to be put down on the floor or on a low stand next to or in front of each of the players respective spots. All players should be amplified with microphones. The two ad hoc players should play on small tables with a wood surface. The tables will probably need to be equipped with 2 or 3 microphones each. Hypercardioid microphones are strongly recommended to avoid feedback. (The amplification has to be run on high levels.)



ANNOTATIONS

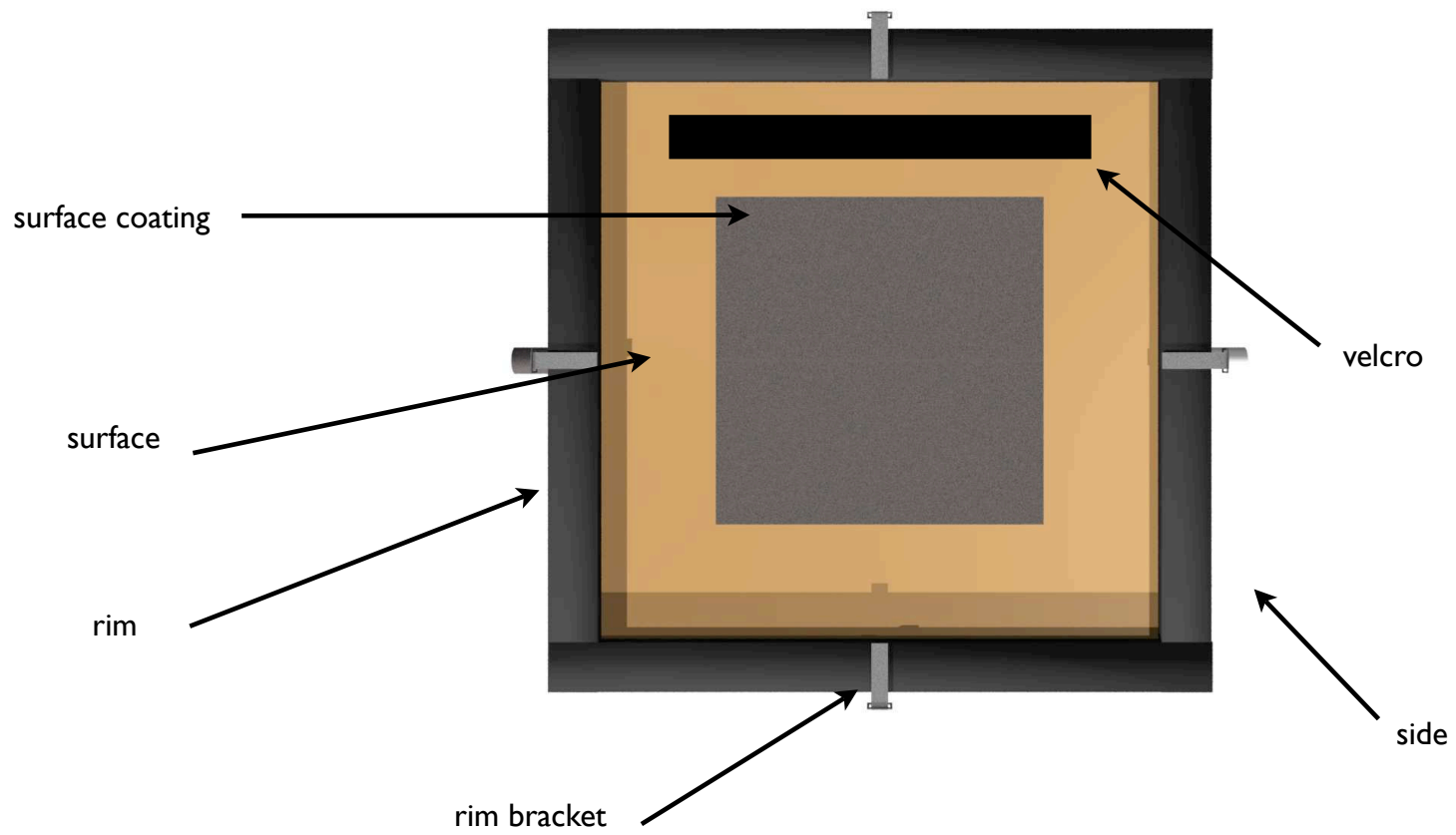
The main instrument for the percussionist is a wooden box with an interchangeable surface:



dimensions: 40 cm x 40 cm x 40 cm
mounting rods: Ø 1.5 cm, length: 6 cm

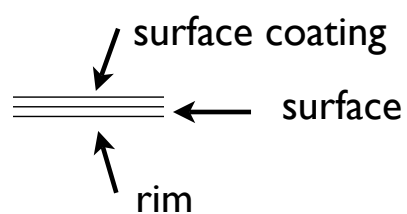
For Compound No.4 only one surface is needed: a wood surface with a piece of sandpaper and a stripe of velcro attached to it.

The score specifies 6 locations to play the box:

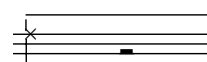


The box should be mounted on two stands using the rods on the sides. The upper surface should be at approximately navel level.

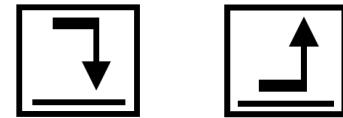
3 of the locations have a line of the system assigned to them, the other three locations are brought into the system whenever needed:



If an item is placed down onto the box (onto the upper surface), a new location of play is created. Accordingly, a new line is added on top of the staff:



The placing and removing of objects to / from the box is indicated by the following symbols:



There are three different noteheads:

normal rub/crackle dead stroke



←: rub to the left

→: rub to the right

↑: rub away from body

↓: rub towards body

additional needed items are:

plastic box, with cap, edge length 7 cm

Cigarette cellophane packaging, clamped under the rim of the box

2 coins (50c)

sand paper block

wood ball, massive, Ø 5 cm

stone (small, ca. 2cm, very hard)

Compound No. 4: FRICTION MACHINE ALARM SIGNAL CONSTRUCTION

Maximilian Marcoll, 2010

32"

28"

4/4

16 $\text{♩} = 120$

11

cellophane: *mf*

coin *mp*

fist *p*

side: *mf*

palm *p*

fist *mf*

knuckle *p*

knuckle *mf*

plastic box
move (push) out from under the cap, so the cap falls on the surface
silently place the box back down on the surface

31

bracket: *mf*

fingernail *mf*

plastic cap: *mf*

knuckle *pp*

(cap) *p*

flat, with edge *mf*

(edge) *mf*

plastic cap *mf*

36

bracket: *f*

bracket: *mf*

coin *pp*

p

41

46

51

56

61

66

71

76

81

86

91

96

sand paper block *p*

fist (bass) *f*

palm *ff* > *ff*

side: *ff*

plastic box

cellophane: *f*

101

sand paper block *p*

NEW: plastic box *mf*

knuckle *p*

plastic box upright, with edge *p*

plastic box away *p*

120

palm *mf*

side: *mf*

NEW: plastic box *p*

sand paper block *p*

sand paper block *pp*

sand paper block *mp*

sand paper block *p*

knuckle *p*

fingertip *pp*

bracket: *mp*

127

fist *p*

bracket: *pp*

NEW: woodball *mp*

wood ball *ppp*

fingertip *p*

sand paper block *mp*

133

sand paper block *mp*

NEW: plastic cap *f*

sand paper block (with momentum) *p*

plastic box *mf*

sand paper block *p*

plastic cap *mf*

plastic box *p*

139

p *f* *p* *p < f* *p* *f* *mf* *p* *f*

144

ppp *f* *mf* *f* *p* *mf* *p* *f* *ppp*

149

mf *f* *p* *mf* *p* *f* *mf* *non cresc.!* *non cresc.!* *mf* *f*

154

p *f* *f* *mf* *p* *ppp* *sand paper block mic: p* *fist (bass) f* *cellophane: f*

159

ff *ff* *mf* *ff* *mf* *p* *sand paper block* *wood ball* *mf* *p*

side: palm
plastic box
fist (move on coating)
knuckle

165

mf *p* *mf* *p* *mf* *p* *mf*

171

p *mf* *p* *mf* *p* *mf* *p*

178

mf *p* *mf* *p* *mf*

185

mf *f* *mf* *sand paper block ->*

wood ball
cellophane:
fist (bass)

193

1 **2** **1**

202

209

1

3 sand paper block *p*

cellophane: *f*

fist (bass) *f*

palm *ff*

side: *ff*

3 fist *mf*

3 knuckle *ff*

3 *mf*

3 *ff*

half on pastic box, half on surface

drag sandpaper block from coating to surface (move on coating) *p*

215

1

fist (move on coating) *p*

knuckle *p*

NEW: woodball *mf*

wood ball

knuckle *p*

upright, with edge *pp*

plastic box *p<f*

sand paper block *ff*

fist (bass) *f*

half surface, half rim *f*

Velcro: *p*

220

mic: *f*

corpus *p*

membrane *f*

coin *mf*

fist *f*

side: *p*

palm *mf*

fist *f*

bracket: *mf*

knuckle *ff*

knuckle *p*

fingernail *mf*

fist *mf*

plastic box move (push) out from under the cap so the cap falls on the surface

silently place the box back down on the surface

225

plastic cap: *f*

knuckle *pp*

(cap) *mf*

flat, with edge

mic: *f*

membrane *f*

take coin

cellophane: *ff*

sand paper block moved with the side of the hand *mf*

plastic cap *mf*

bracket: *p*

f

f p

230

plastic box (no distinct pitch!) *f*

bracket: *mf*

coin *pp*

fist accent *f*

mp *mp*

p<f ppp

mf

cresc.

at the lower rim, with lots of pressure *ff*

"pitch" ascending, too *p*

ff

235

1

2

8

plastic box *mf*

fist *mf*

sand paper block *p*

plastic cap

250

plastic cap (in left hand) *p*

p<f

p

mf

sand paper block *f*

pull all the way from the upper to the lower rim *pp*

palm *f*

side: *f*

1

1

play 5 times

28

283

plastic box

sand paper block

Musical score for measure 283. The staff contains a series of eighth notes with various dynamics: *p*, *f*, *p*, *p < f*, *p*, *ff*, *mf*, *ff*. There are numerous triplet markings and upward/downward arrows indicating articulation. The notes are grouped in threes.

288

Musical score for measure 288. The staff contains eighth notes with dynamics: *f*, *ppp*, *f*, *mf*, *f*, *p*, *ff*. It features triplet markings and upward/downward arrows.

293

Musical score for measure 293. The staff contains eighth notes with dynamics: *p*, *f*, *ppp*, *mf*, *ff*, *f*, *p*, *mf*, *p*, *f*, *mf*. It includes triplet markings, upward/downward arrows, and the instruction "non cresc. !".

298

Musical score for measure 298. The staff contains eighth notes with dynamics: *p*, *f*, *f*, *mf*, *ppp*, *pp*, *p*. It features triplet markings, upward/downward arrows, and the instruction "NEW: stone".

304

fingertip

Musical score for measure 304. The staff contains eighth notes with dynamics: *mf*, *p*, *p < mf*, *mf*, *p*, *ppp*, *mf*. It includes triplet markings and "fingertip" annotations.

310

fingertip

Musical score for measure 310. The staff contains eighth notes with dynamics: *p*, *pp*, *mf*, *mf*, *pp*, *pp*, *pp*, *mf*, *f*, *f*. It includes triplet markings and "fingertip" annotations.

317

Musical score for measure 317. The staff contains eighth notes with dynamics: *pp*, *f*, *f*, *pp*, *pp*, *f*, *f*, *pp*, *mf*, *pp*. It includes triplet markings and "fingertip" annotations.

337

1 15 26

plastic box accent at vertex

niente poco a poco cresc. sempre sim.

382

388

$\text{♩} = 110^*$

mf

398

408

420

432

plastic box around mic. blow at bottom *ff*

* sync to the tape. the average tempo of the quarter notes is 110 bpm. however, the actual durations of the individual notes may deviate slightly.