...elles crient les sirènes...

für
Baritonsaxophon und Live-Elektronik

Oliver Sascha Frick

2018

This piece is commissioned by the International Music Festival Takefu 2018.

...elles crient les sirènes... is dedicated to Masanori Oishi and Mark Lorenz Kysela. You were of immense help for me in exploring the bariton saxophone and only you both made it possible to write this piece. Thank you very very much!

About setup and notation:

- **MIDI-Footpedal:** the numbers (0-38) in the squares above the upper system indicate where the MIDI-Foot-Pedal has to be pressed by the saxophone player. It controls changes in the live-electronics.

- the upper system is to be played by the bariton saxophone, the lower system shows how the electronics will react and sound like when the MIDI-Footpedal is pressed.

- **Live-Electronics:** There are 3 electronic techniques that will be used:
1) Freezing the spectrum of the current played note of the saxophon
2) "fuga for one" (bar 60-71) the electronic will repeat the saxophon and (from bar 72) sccumulate the notes
3) Additional partials created based on an analysis of the 3 strongest overtones of the saxophone. (NB: these additional partials are not notated in the score)

- **Multiphonics:** There are several multiphonics used in the piece. In the notation the fingering is indicated and also the number of the multiphonic in the book "The Techniques of Saxophone Playing" by Markus Weiss and Giorgio Netti. There is an internet source where one can find the fingerings and hear example recordings of the multiphonics:
https://www.baerenreiter.com/materialien/weiss_netti/saxophon/multiphonics.html

Technical Setup:
- A MIDI-Foot-Pedal and an iPad will be needed to perform the piece. On the iPad the player can see the numbers change when he presses the MIDI-Footpedal so he can see if he is in the correct scene.

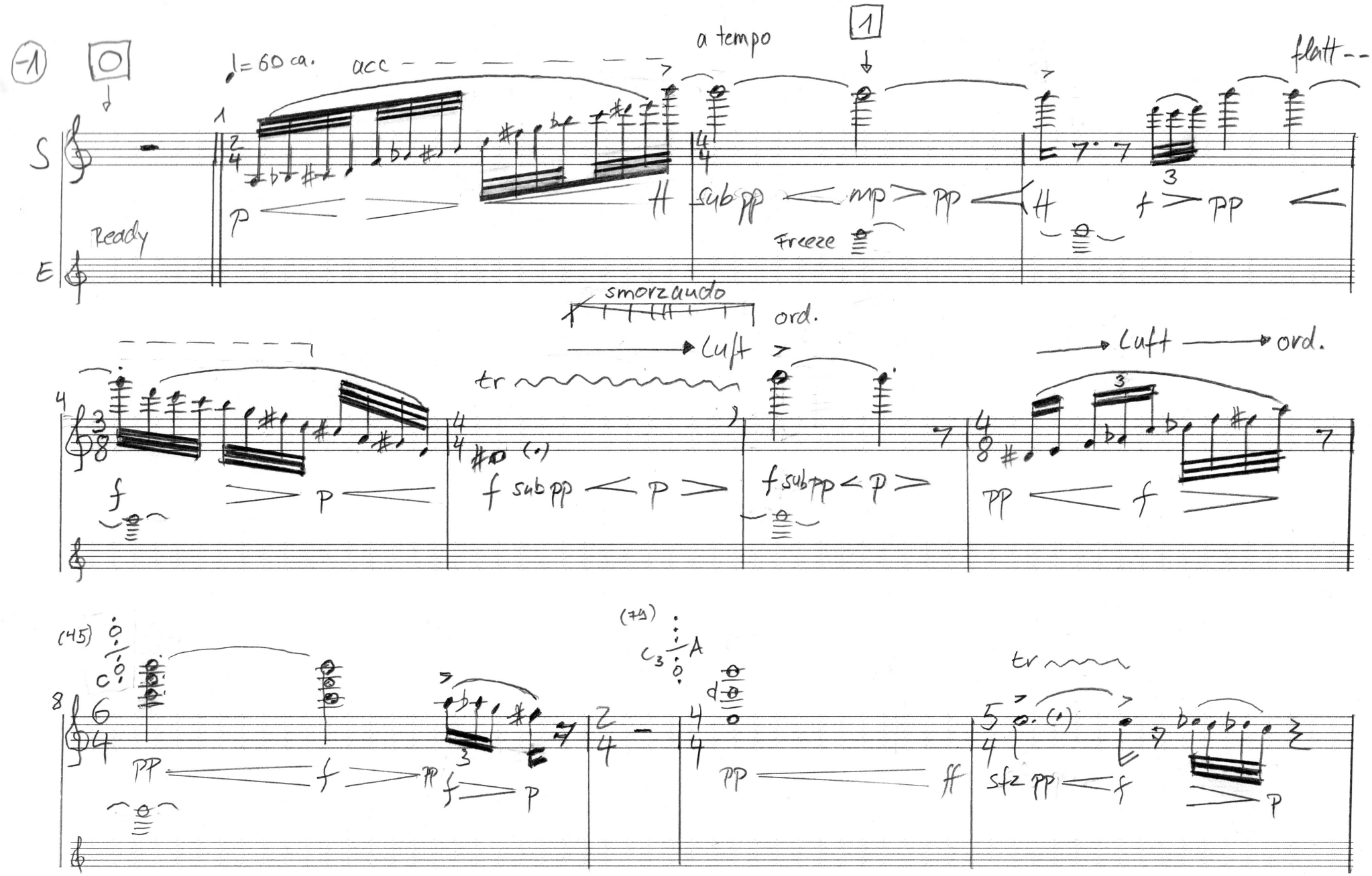
- In order to connect the MIDI-Footpedal to the computer we will need an analog XLR-cable (microphone cable) from the player on stage to the computer at FOH in the audience.

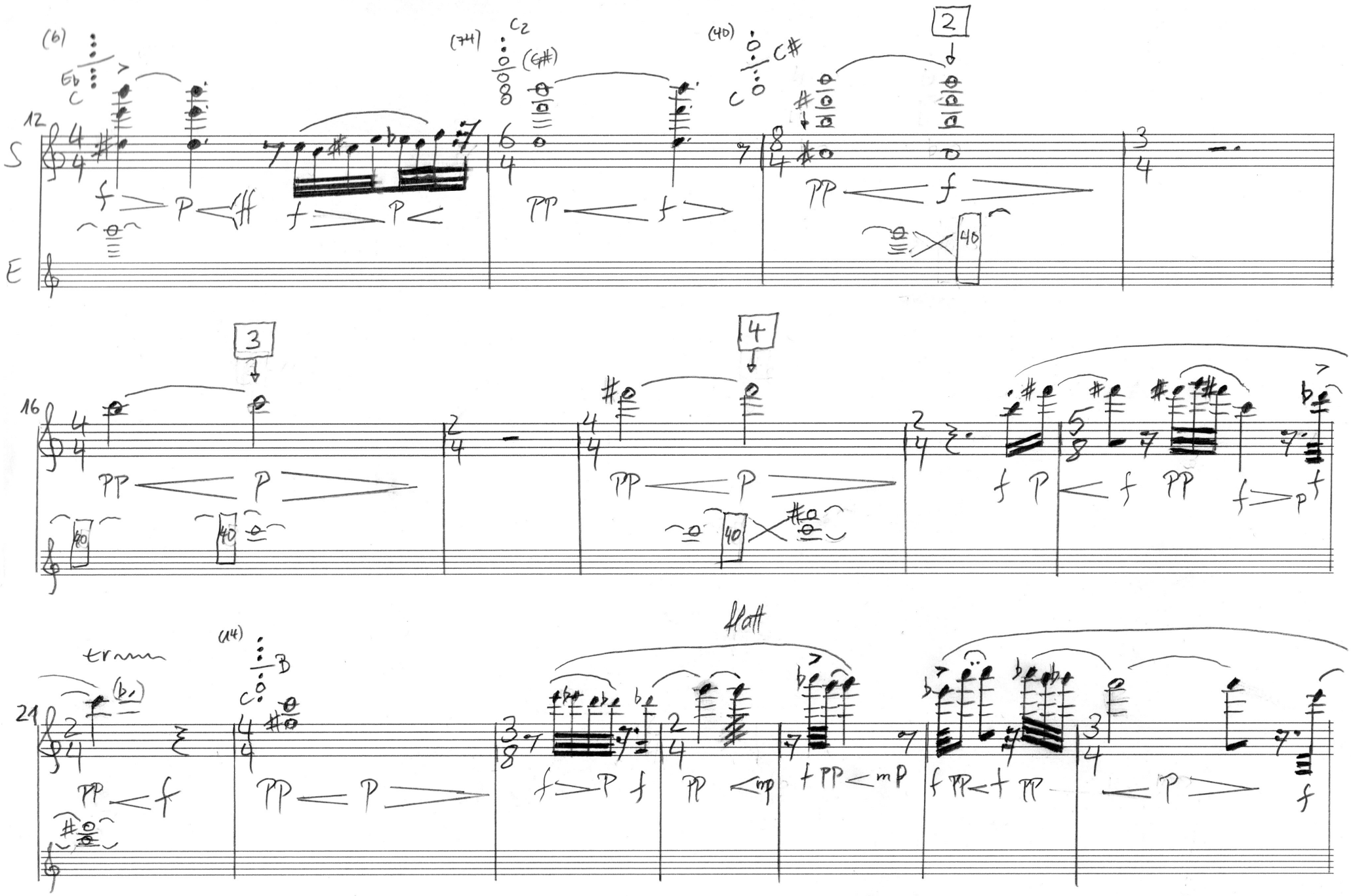
- for the iPad we will need an Ethernet (CAT5/CAT6 LAN) cable from the player on stage to the computer at FOH in the audience.

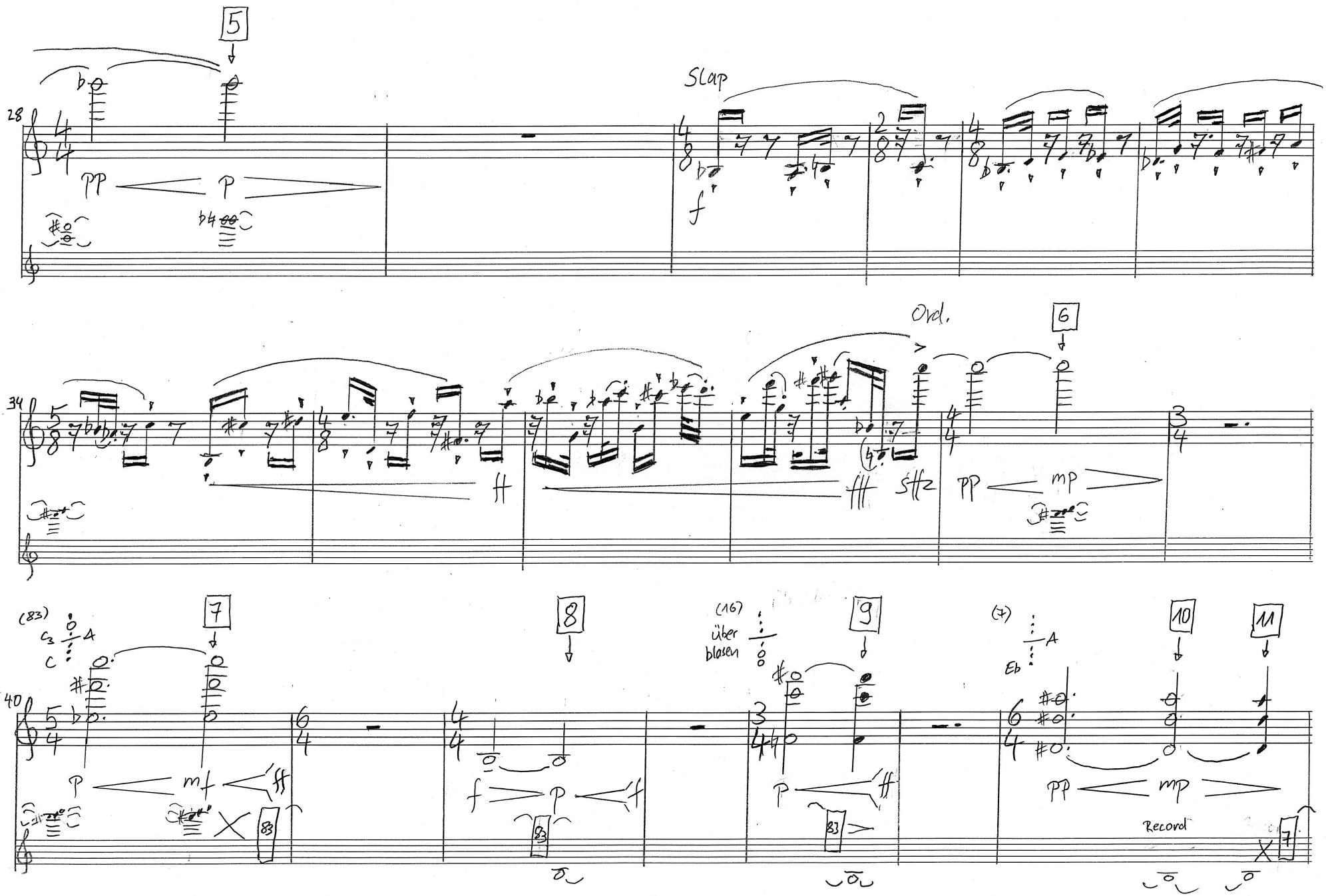
- 3 fullrange loudspeakers are needed. One each L and R on stands and one on the floor at the position of the saxophone player (or on a high stand, depending on the setting in the hall).
- 1 smaller loudspeaker is needed for the saxophone player to hear the electronics.

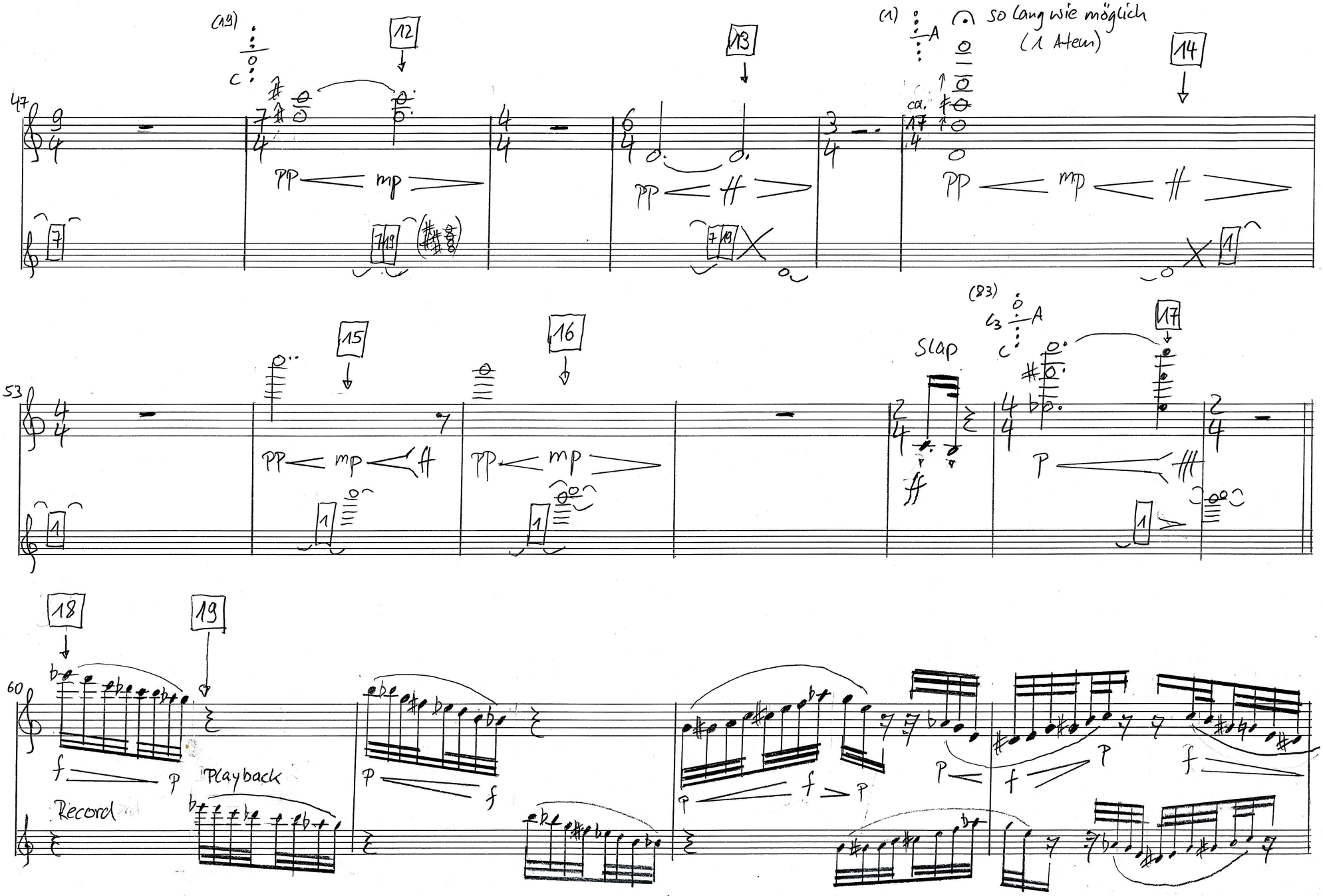
- 2 microphones are used: 1 clipmic (dpa4099) attached to the sax and one (KM184) on a stand in front of the sax.

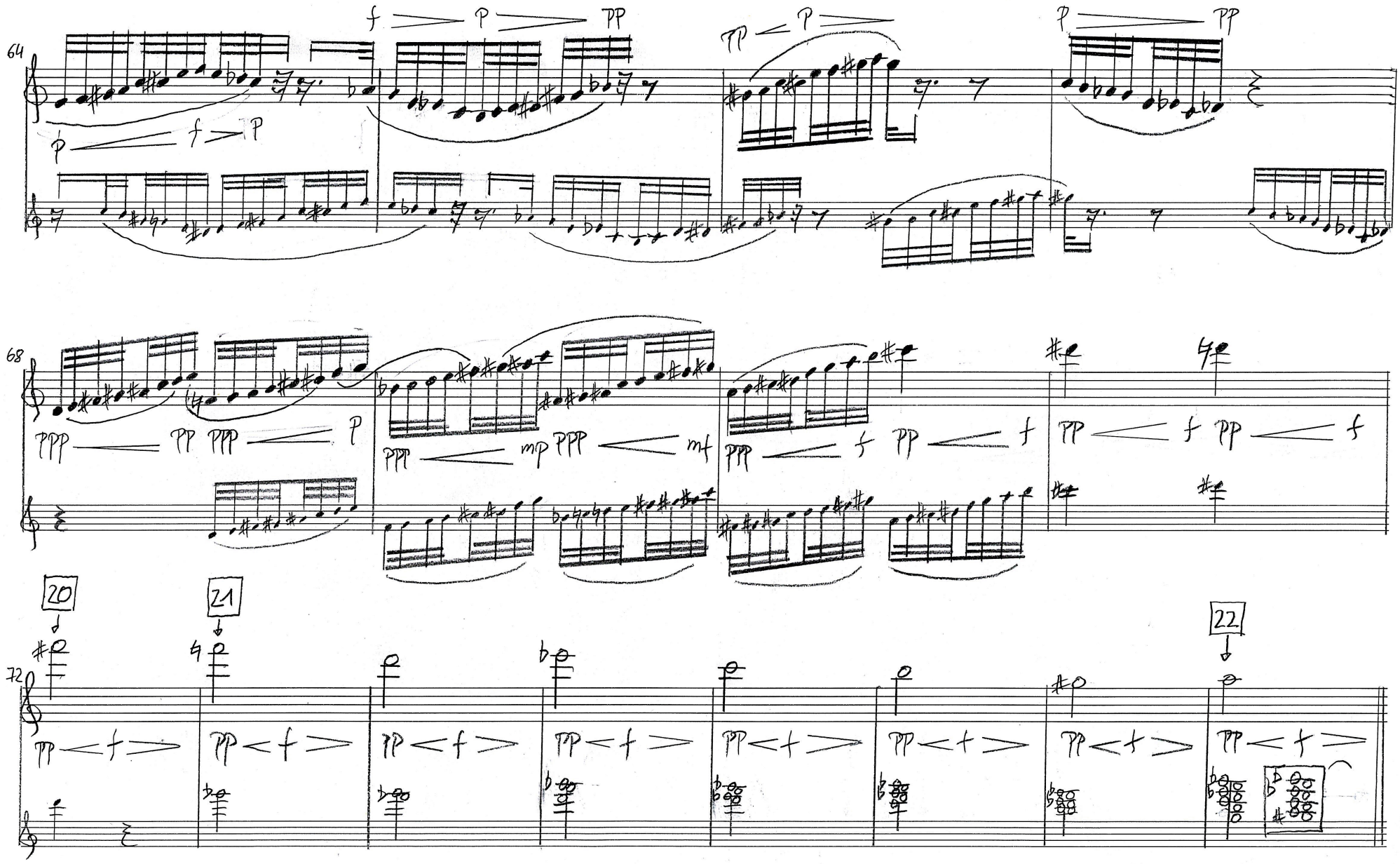
- The FOH (mixing desk and computer) should be placed in the audience at a good hearing position.

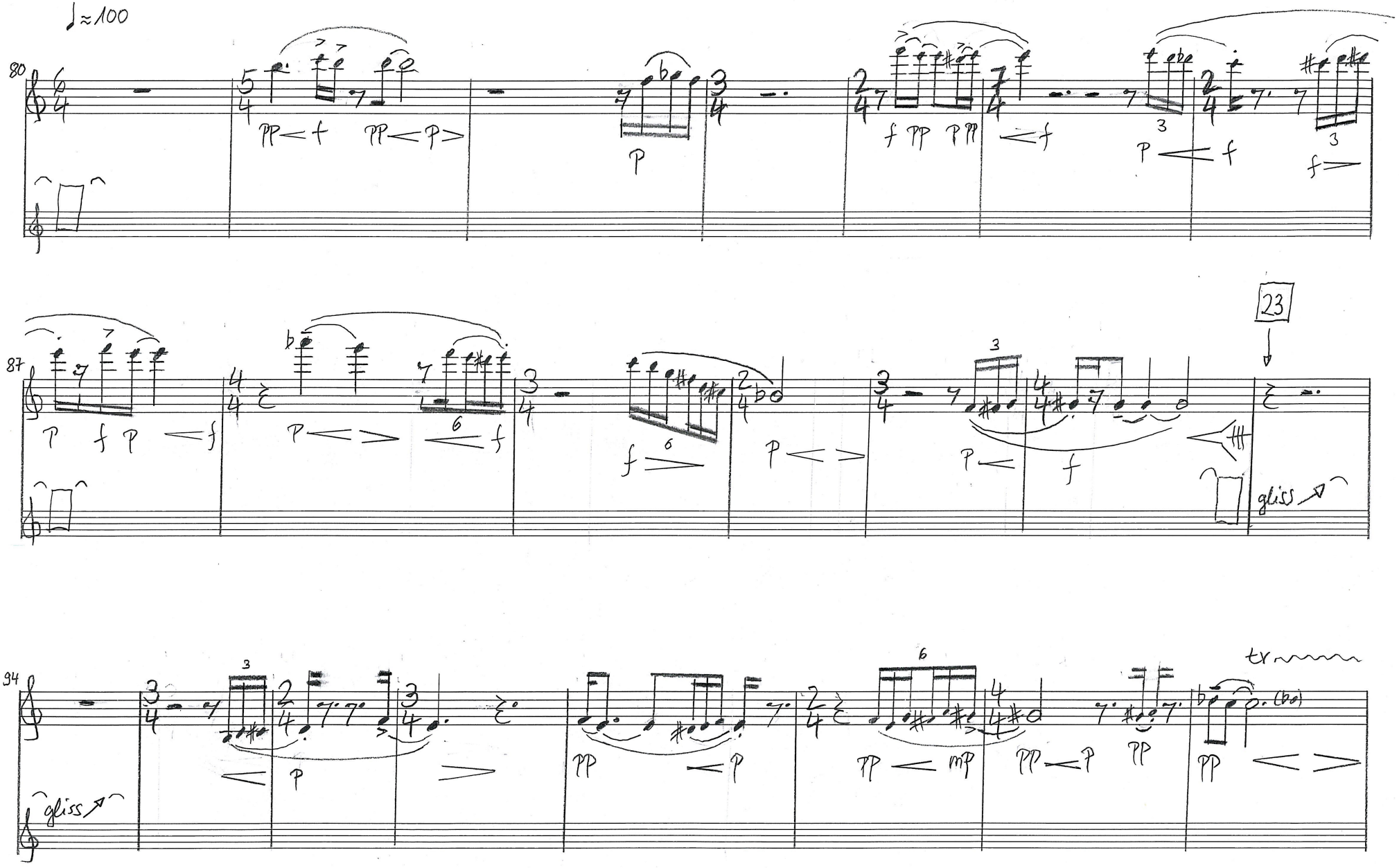

-1
0
♩= 60 ca.
acc
a tempo
1
flatt
S
E
Ready
p
sub pp
mp
pp
Freeze
f
pp
smorzando
ord.
Luft
tr
f
p
f sub pp
p
f sub pp
p
pp
f
(45)
c
pp
f
pp
f
p
(79)
A
pp
ff
tr
sfz pp
f
p

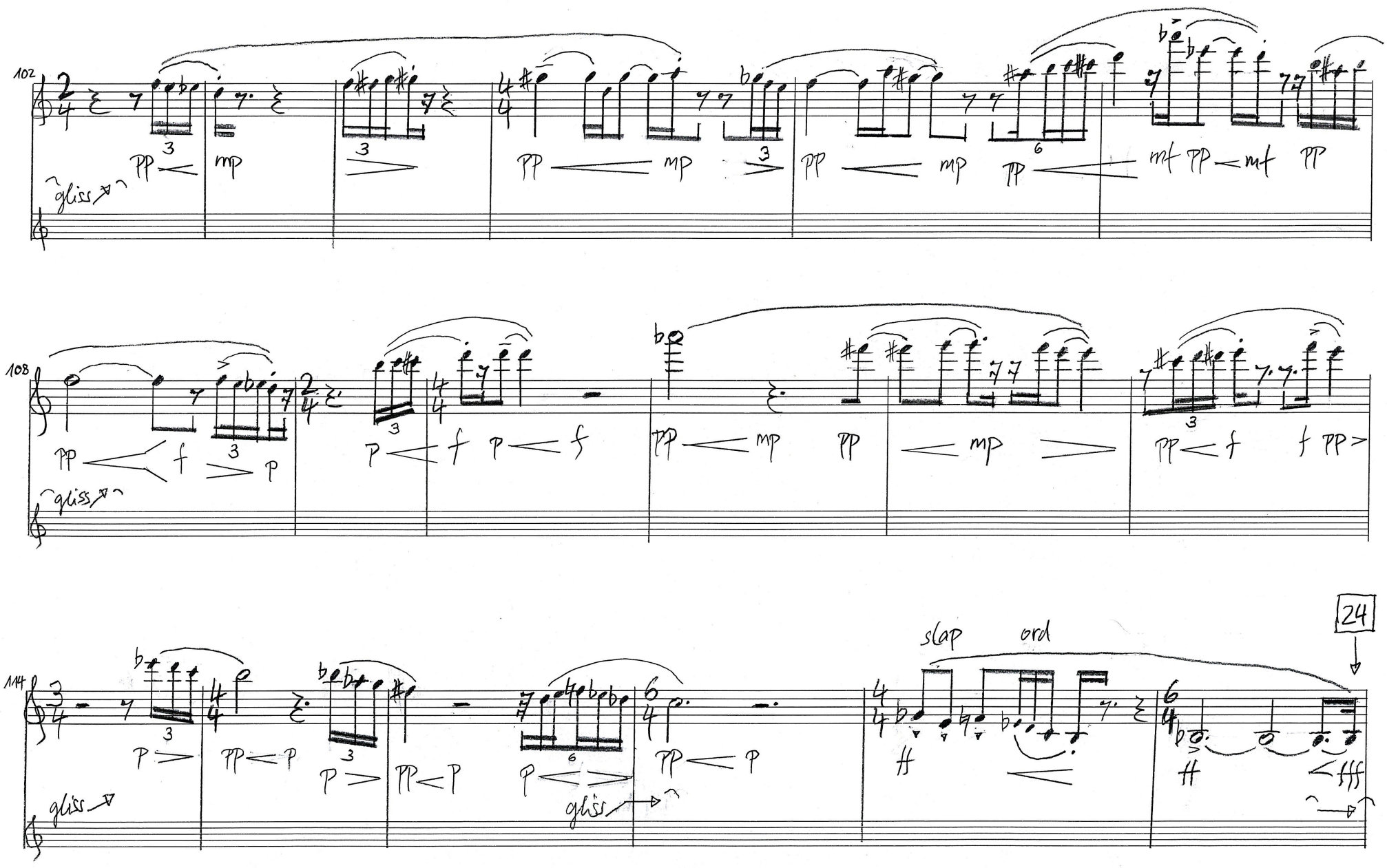

S
E
12
16
21
2
3
4
flatt

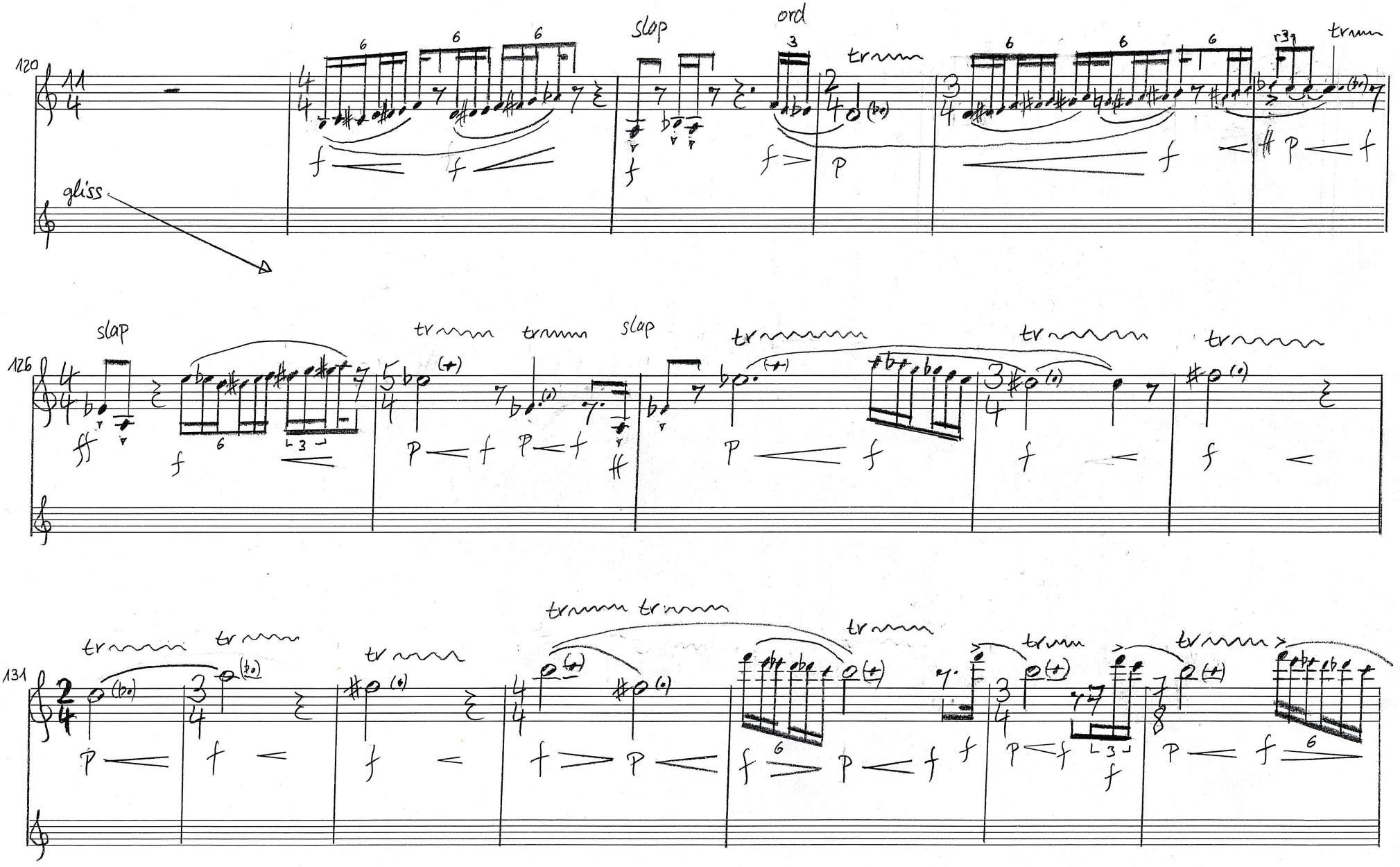

5
Slap
28
pp
p
f
Ord.
6
34
ff
sffz
pp
mp
(83)
7
8
(16)
über blasen
9
(7)
Eb
10
11
40
p
mf
ff
f
Record

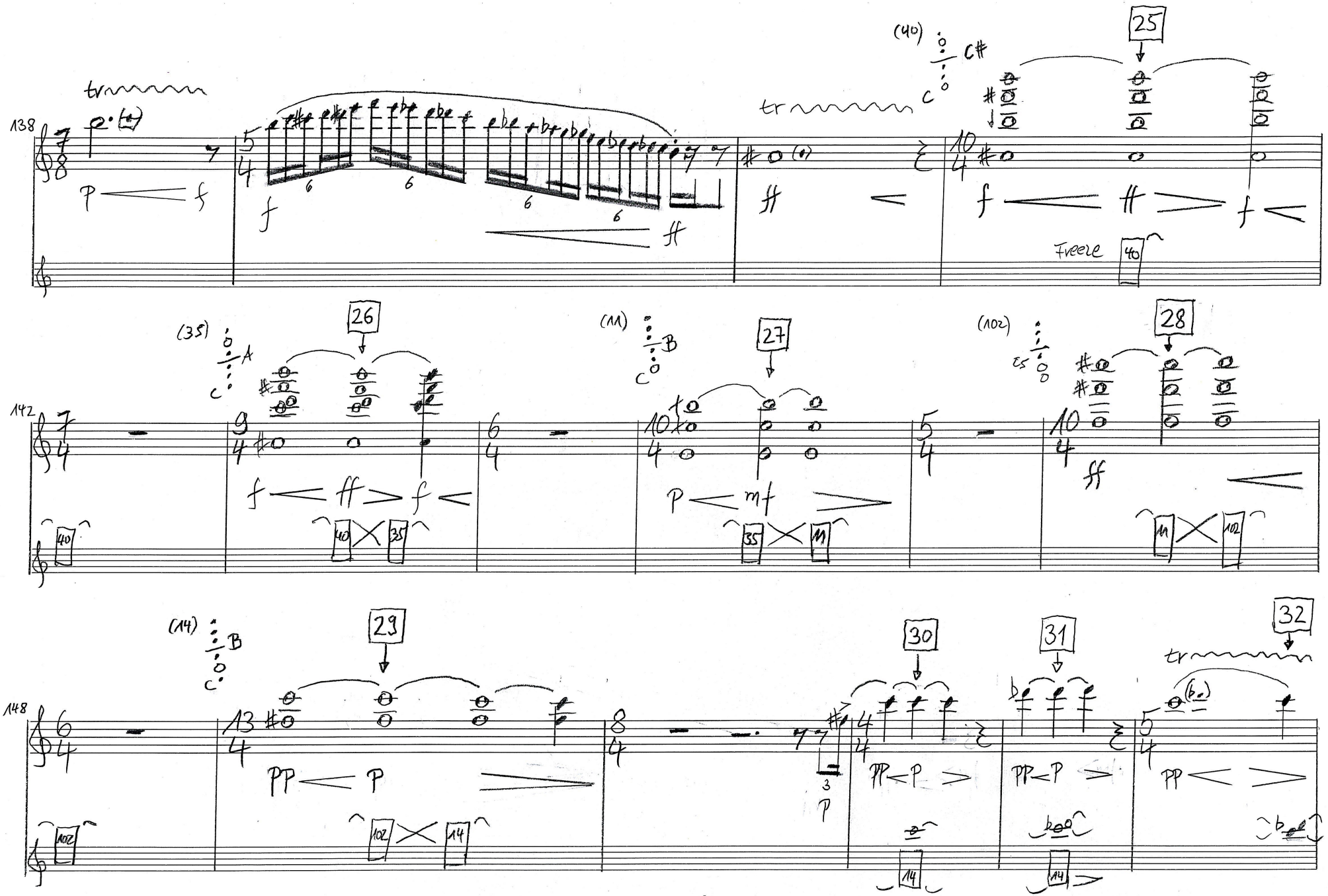

(19)
12
13
(1)
so lang wie möglich
(1 Atem)
14
47
pp
mp
ff
ca.
15
16
53
Slap
(83)
17
18
19
60
Record
Playback

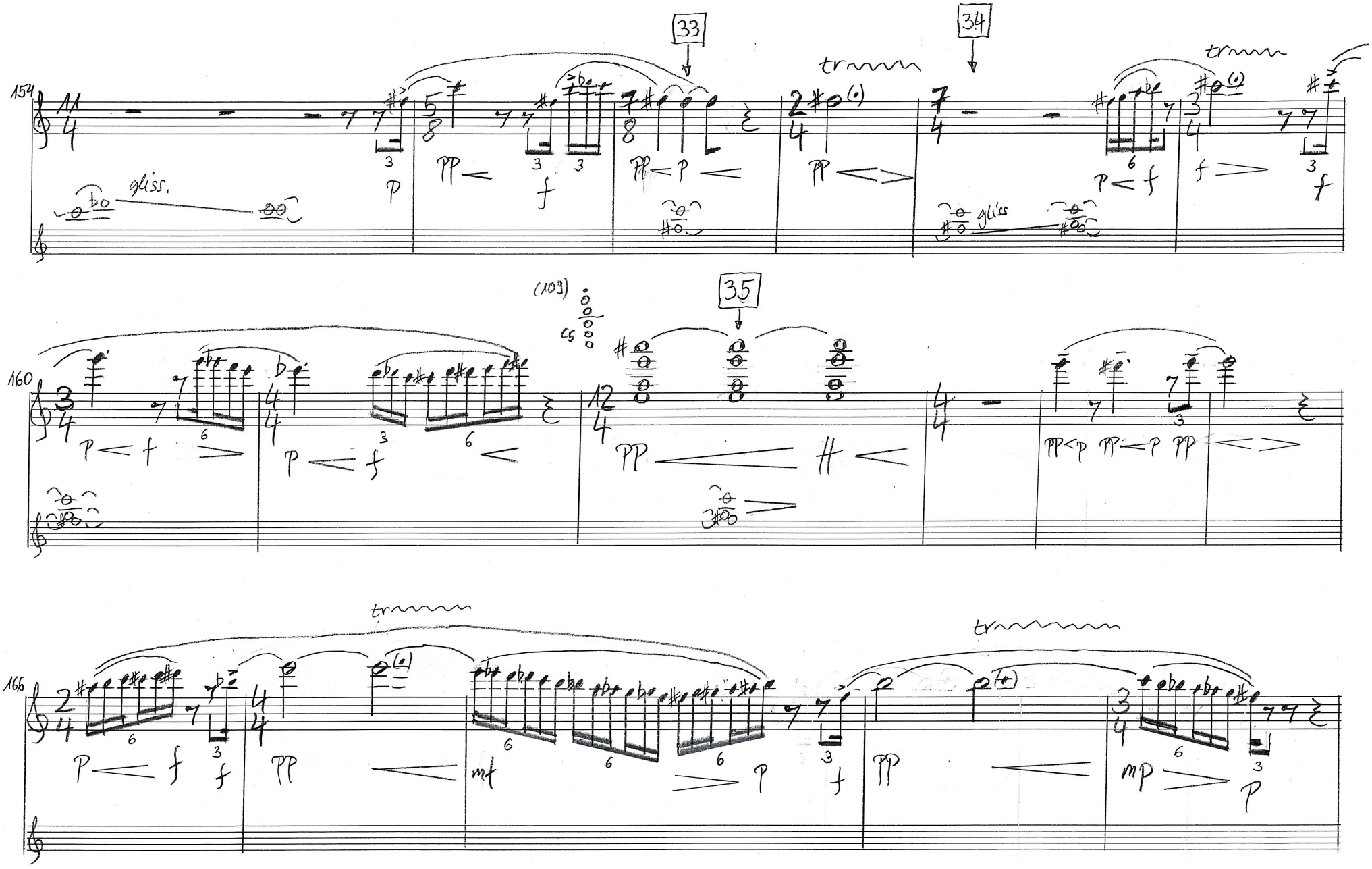

64
f P PP
PP P
P PP
f P
68
PPP PP PPP P
PPP mp PPP mf
PPP f PP f
PP f PP f
20
21
22
72
PP f
PP f
PP f
PP f
PP f
PP f
PP f

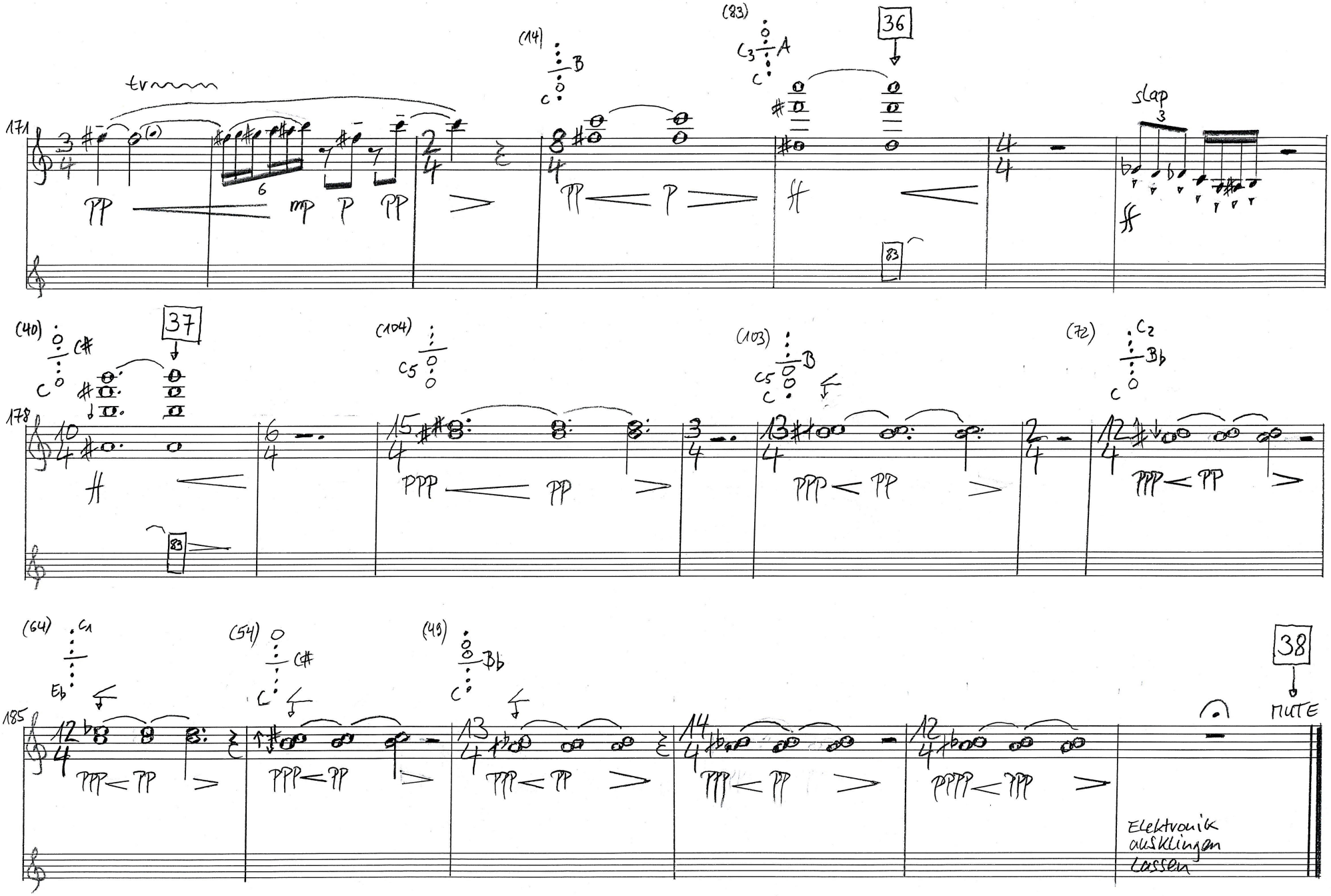

♩≈100
80
87
23
gliss
94
gliss
tr


102
gliss
108
gliss
114
gliss
slap
ord
24


120
gliss
slap
ord
tr
126
slap
tr
131


138
tr
p
f
f
6
6
6
6
ff
(40)
C#
C
tr
ff
25
f
ff
f
freeze
40
142
(35)
A
26
f
ff
f
40
35
(11)
B
27
p
mf
35
11
(102)
Es
28
ff
11
102
148
(14)
B
29
pp
p
102
14
30
pp
p
14
31
pp
p
14
32
tr
pp
102


154
33
34
tr
gliss.
gliss
160
(109)
35
166
tr
tr


171
tr
(14)
(83)
36
slap
(40)
37
(104)
(103)
(72)
178
(64)
(54)
(49)
38
185
MUTE
Elektronik ausklingen lassen