Marc Estibeiro

With Time Not In Time

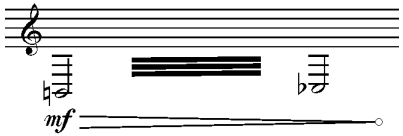
For Bass Clarinet, Piano and Live Electronics

Approximate Duration: 12’00”

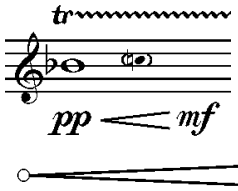
Score at Concert Pitch

Guide to Notation

General marks



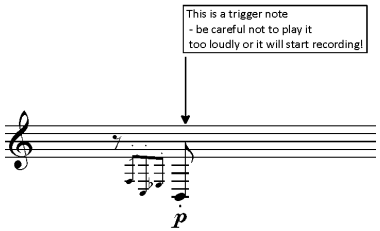
Tremolo, always played as fast as possible



Trill, always to the indicated note

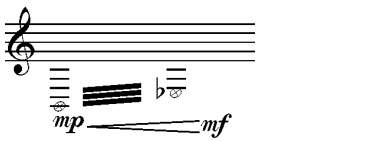
Crescendo dal niente

Diminuendo al niente

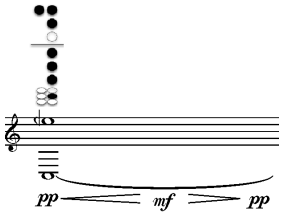


The electronic part uses pitch recognition software to trigger different events. These are always indicated in the score

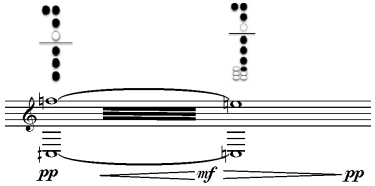
Bass Clarinet in B ♭



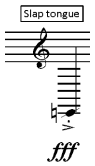
Move freely between air notes and half embrochure



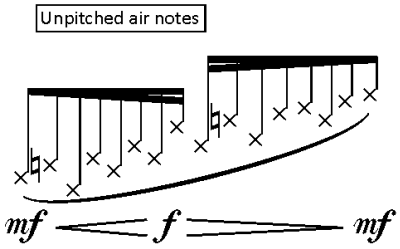
Multiphonic with indicated fingering



Tremolo between two multiphonics

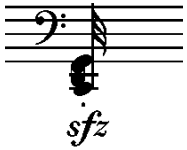


Slap tongue

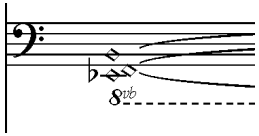


Unpitched air notes

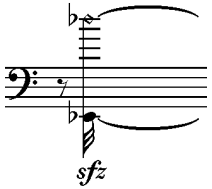
Piano



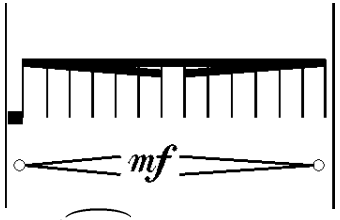
Chromatic cluster



Depress the keys silently

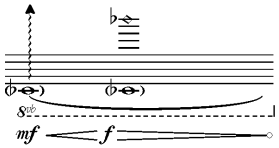


Harmonic

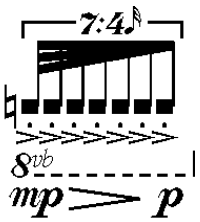


Make rapid movements along the string with the brass guitar slide becoming faster then slower. The exact pitch is not important but it should be near pitch indicated by the vertical position

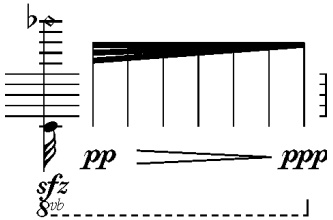
Make rapid glissandi (up and down) over the strings around the pitch indicated by the vertical position.



Quickly scrape the edge of the guitar slide along the indicated string. Then touch the string at the indicated harmonic.



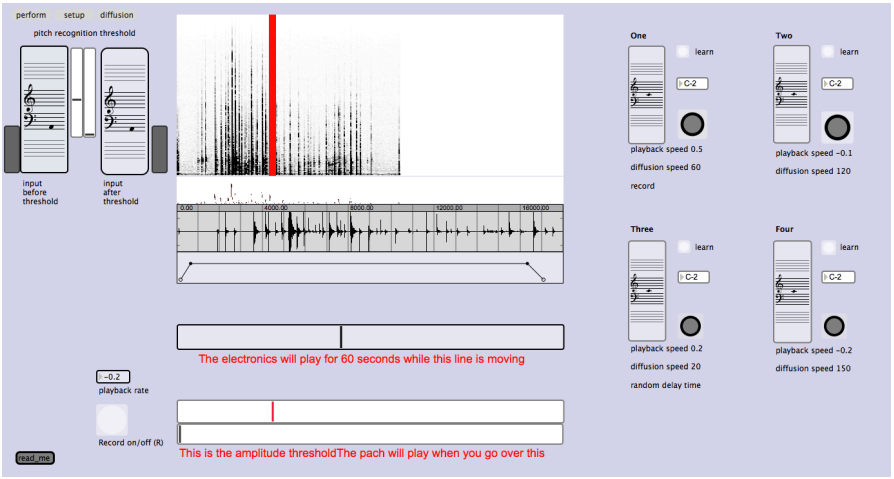
Bounce the guitar slide off a cluster of low strings near the indicated pitch.



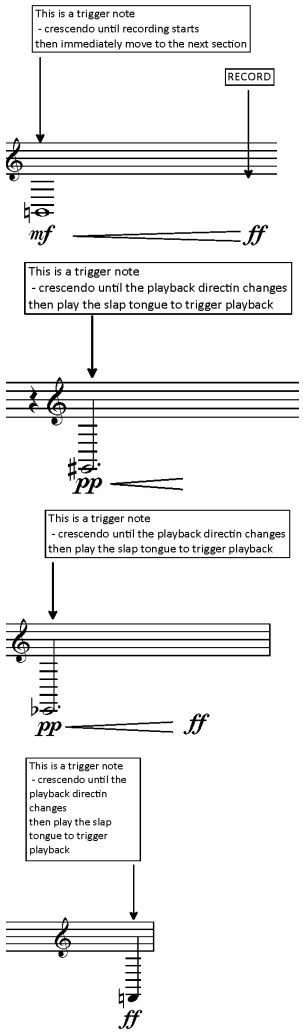
Play the harmonic as indicated and then scratch the string around the point of the harmonic with the edge of the brass guitar slide or fingernail

Guide to the Electronic part

The electronic part consists of a performance environment for real time spectral processing. The main interface for the performance environment is shown below.



The performance environment is controlled using pitch recognition software and amplitude thresholds. There are four trigger notes in the bass clarinet part indicated in the score which need to be programmed into the software environment before the performance.
Amplitude thresholds also need to be set before the performance

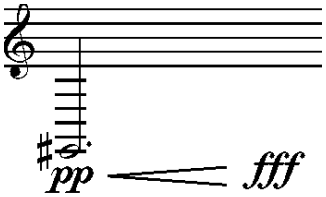


Trigger note 1: Record

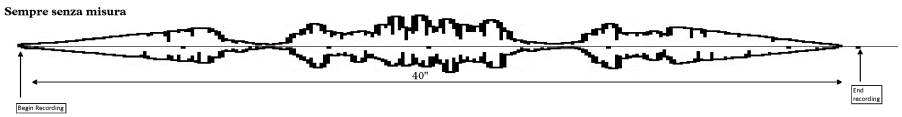
Trigger note 2: Chnge playback direction and speed

Trigger note 3: Change playback direction and speed

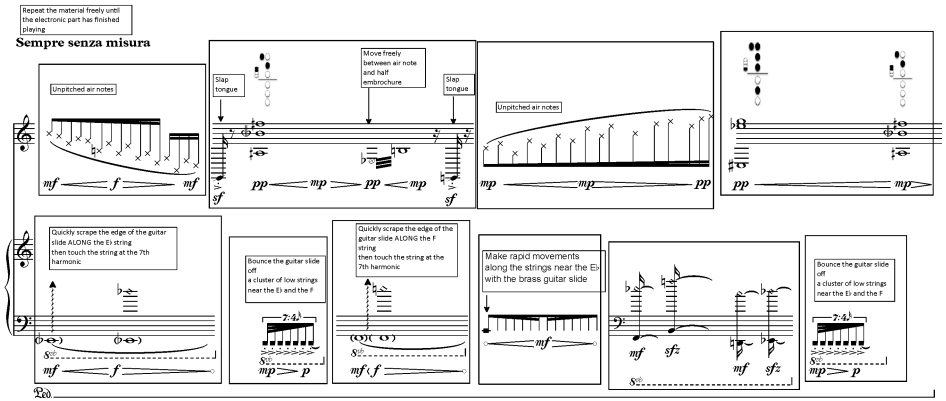
Trogger note 4: Change playback direction and speed



Set amplitude threshold so that triple forte triggers playback



A white waveform graphic indicates that the acoustic material is being recorded into the software environment
A black waveform graphic indicates that the electronic part is playing back



While the electronic part is recording or playing back, the acoustic instruments should play the boxed material freely

The level of the electronic part should be balanced to match the level of the acoustic instruments

A small mixing desk is necessary in order to make minor adjustments to the levels during the performance.

The acoustic instruments should only be amplified only if necessitated by the size of the performance space.

There should be a separate microphone routed to the performance environment for the trigger notes and the amplitude threshold. The output of this microphone is used only to trigger events. It will not be heard in the performance.

The electronic part requires a computer running Max v. 6 or above (www.cycling74.com), a suitable digital to analogue convertor, a mixing desk and amplification appropriate for the room. The Max patch is available from the composer on request.

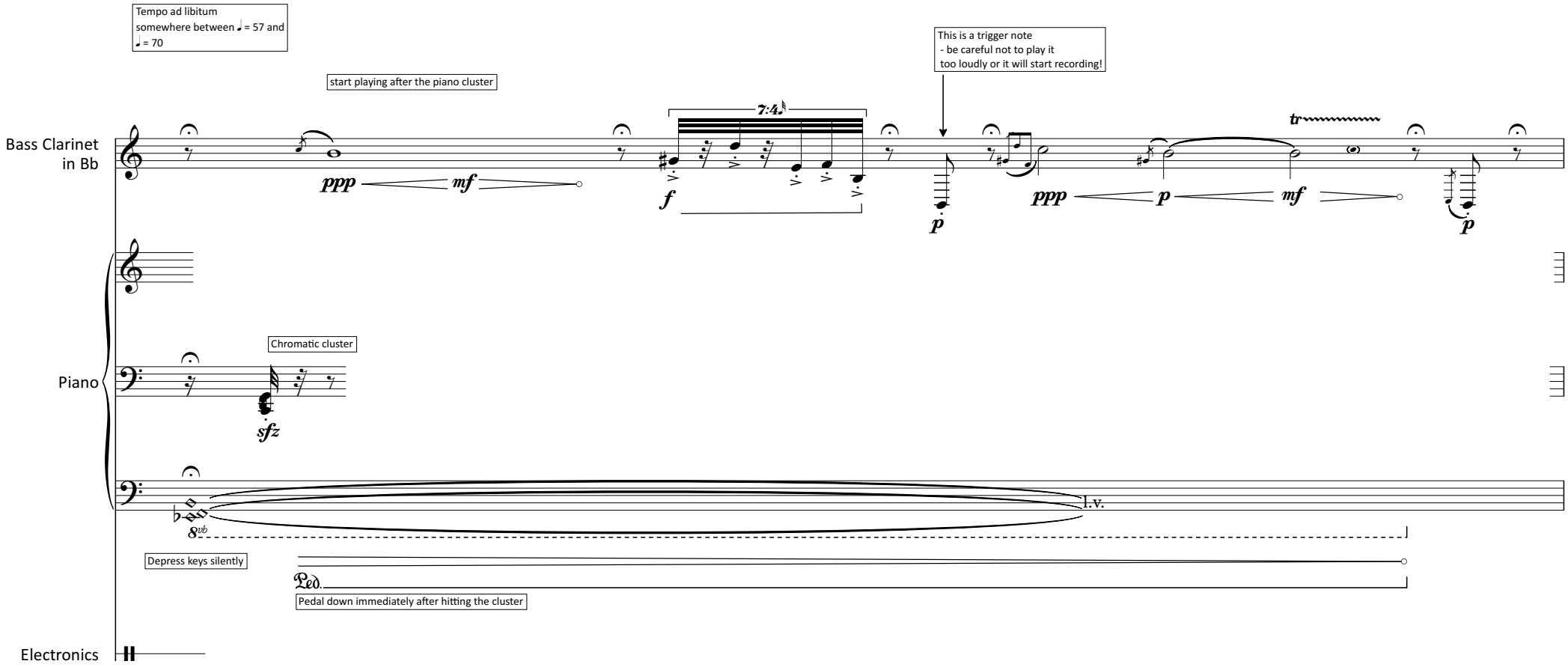
A laptop stand will be needed for the bass clarinet player.

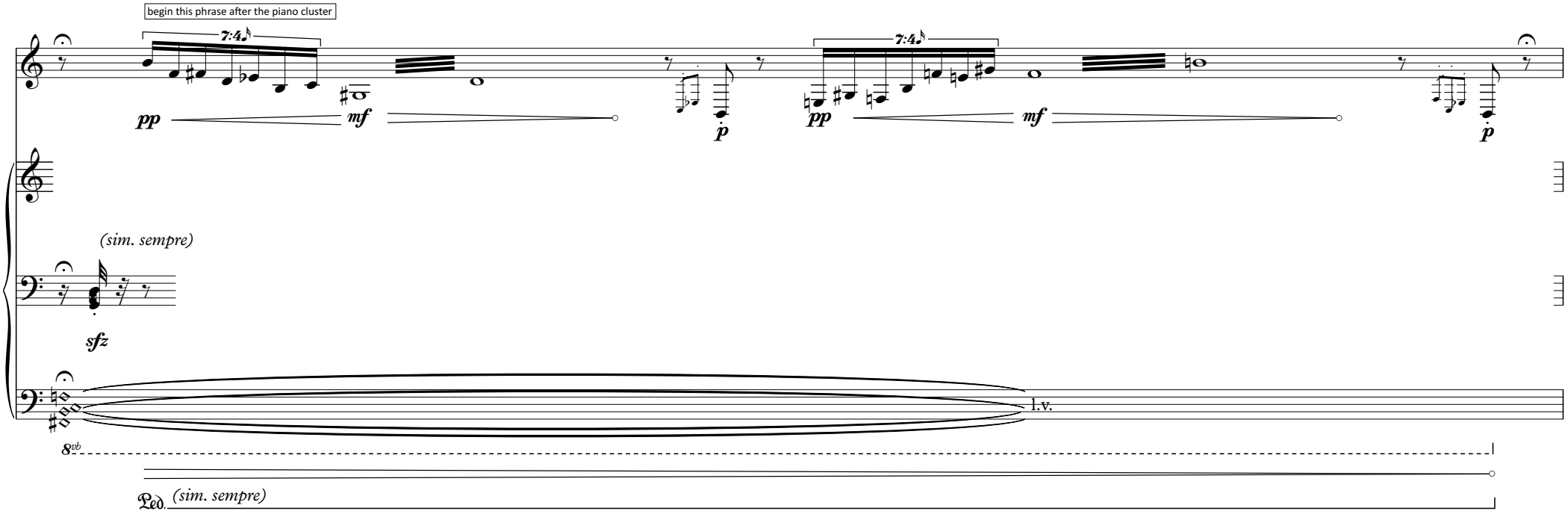
Instruments

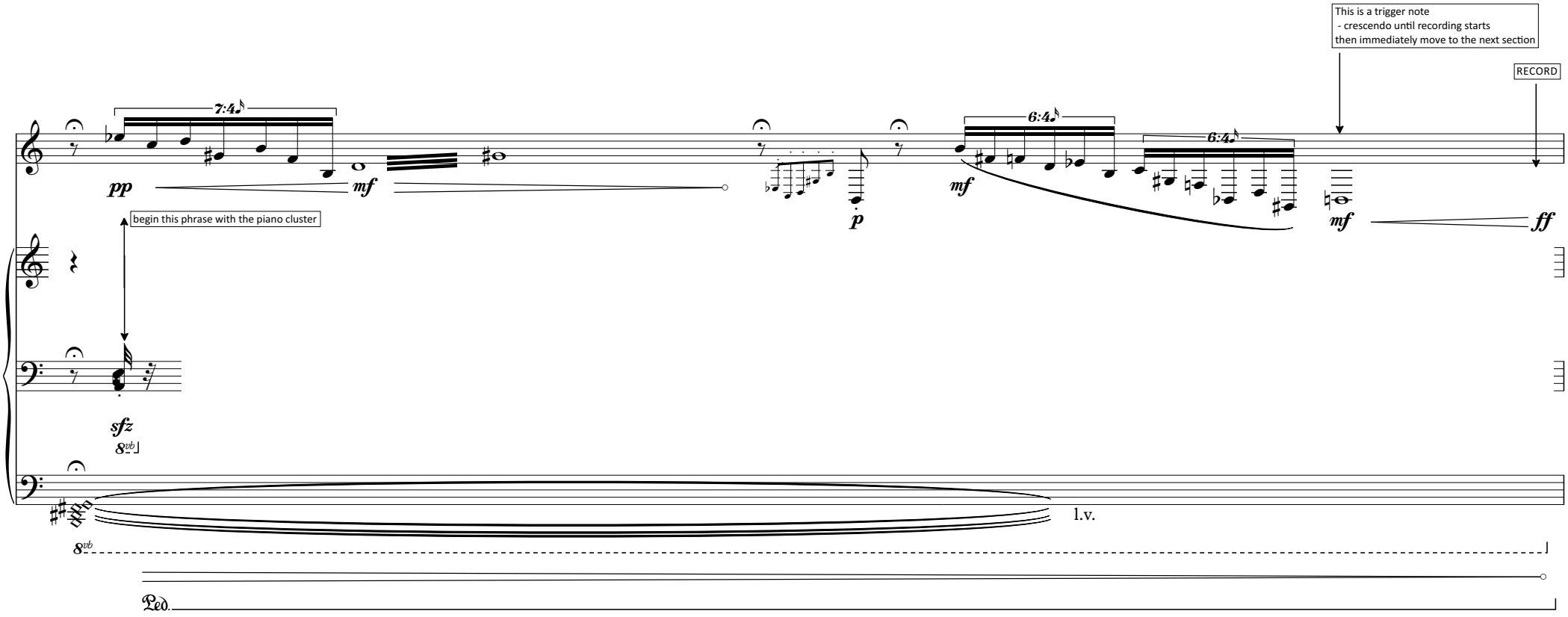
Bass Clarinet in B ♭

Piano with brass guitar slide

Computer running Max 6 or higher, audio interface, mixing desk, suitable microphones and amplification

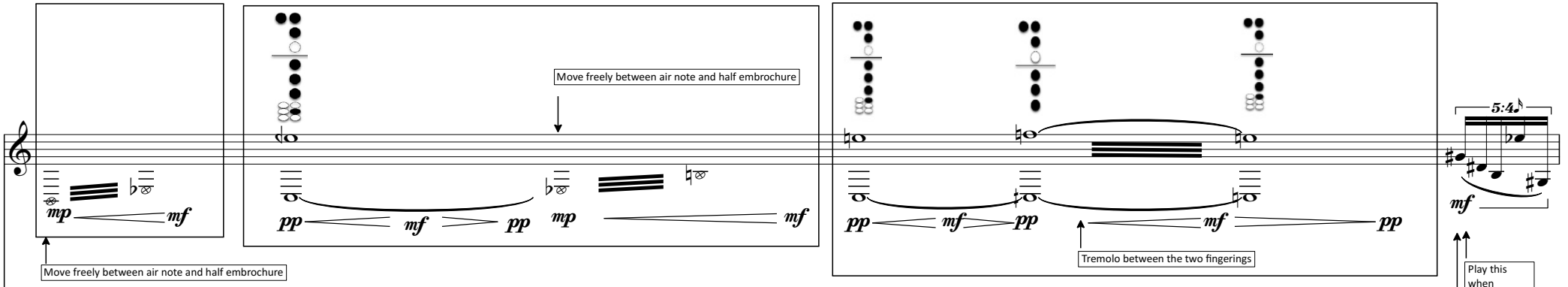

Tempo ad libitum
somewhere between ♩ = 57 and ♩ = 70
start playing after the piano cluster
This is a trigger note
- be careful not to play it
too loudly or it will start recording!
Bass Clarinet in Bb
ppp
mf
7:4
f
p
ppp
p
mf
tr
p
Piano
Chromatic cluster
sfz
l.v.
8vb
Depress keys silently
Ped.
Pedal down immediately after hitting the cluster
Electronics

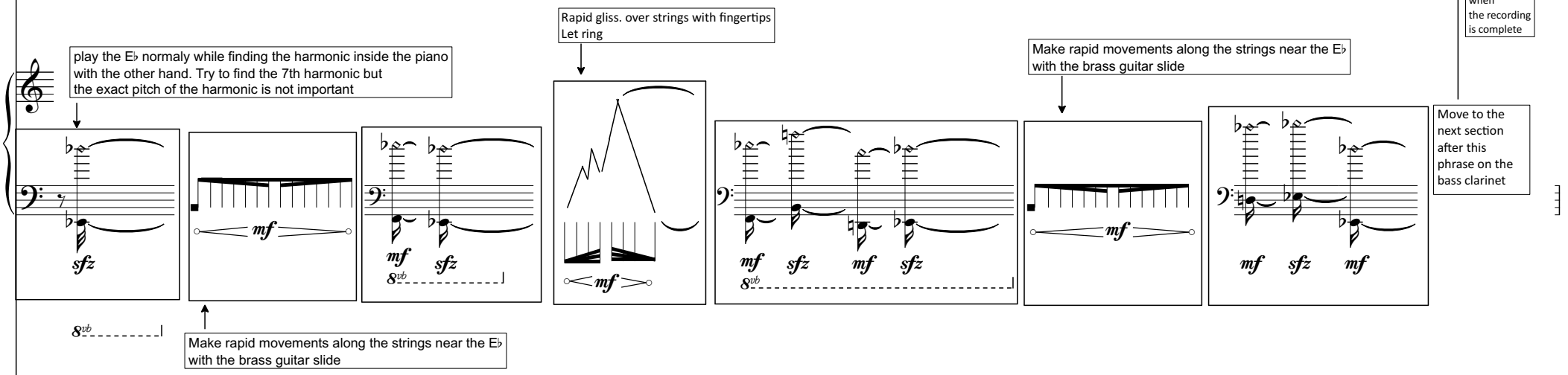

begin this phrase after the piano cluster
7:4
pp
mf
p
7:4
pp
mf
p
(sim. sempre)
sfz
l.v.
8vb
Ped.
(sim. sempre)


This is a trigger note
- crescendo until recording starts
then immediately move to the next section
RECORD
7:4
6:4
6:4
pp
mf
mf
p
mf
mf
ff
begin this phrase with the piano cluster
sfz
8vb
l.v.
8vb
Ped.

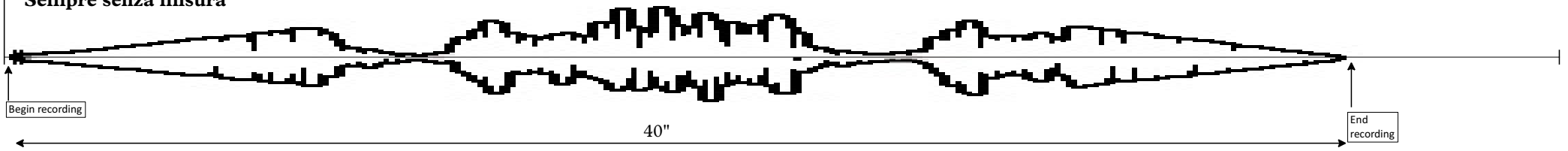
Repeat the material freely for 40 seconds until the recording is complete

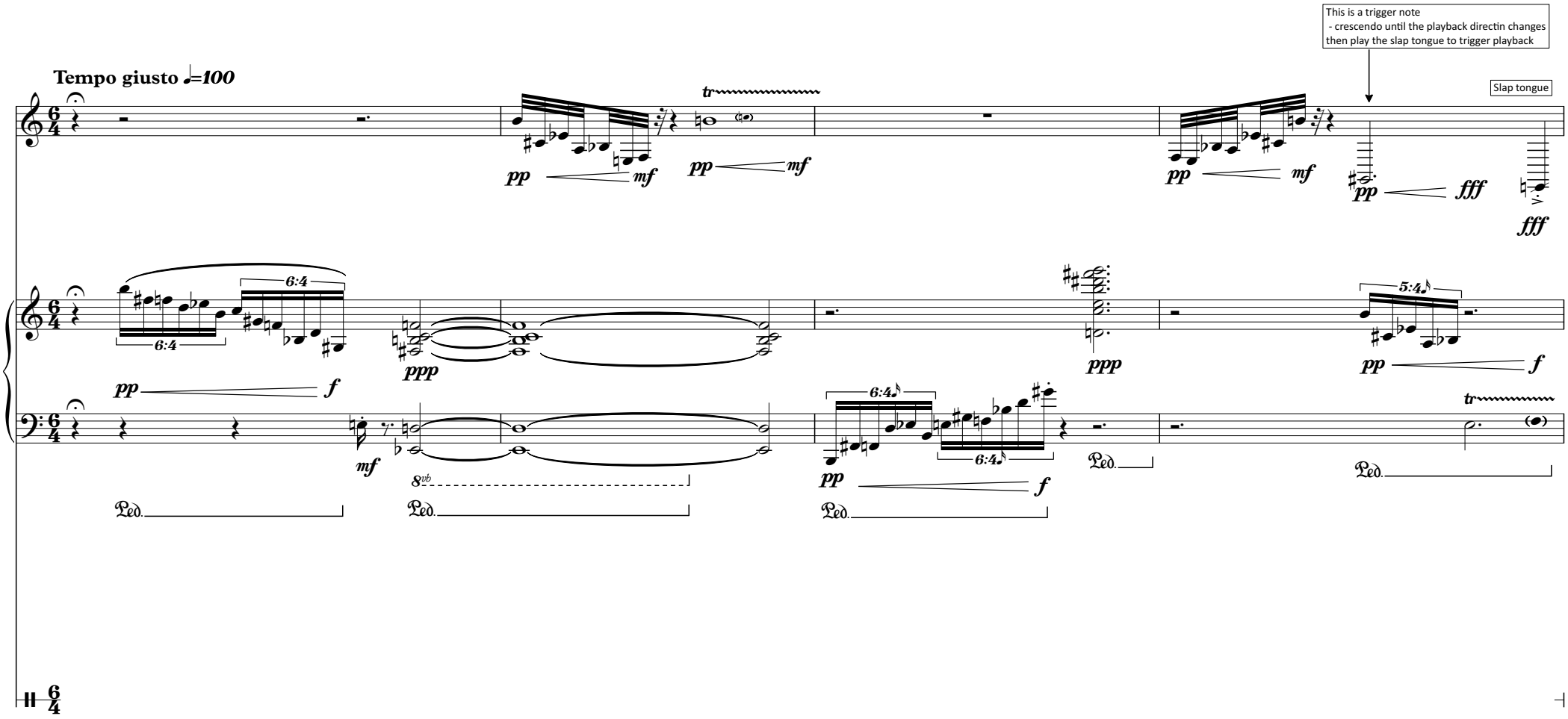
Sempre senza misura

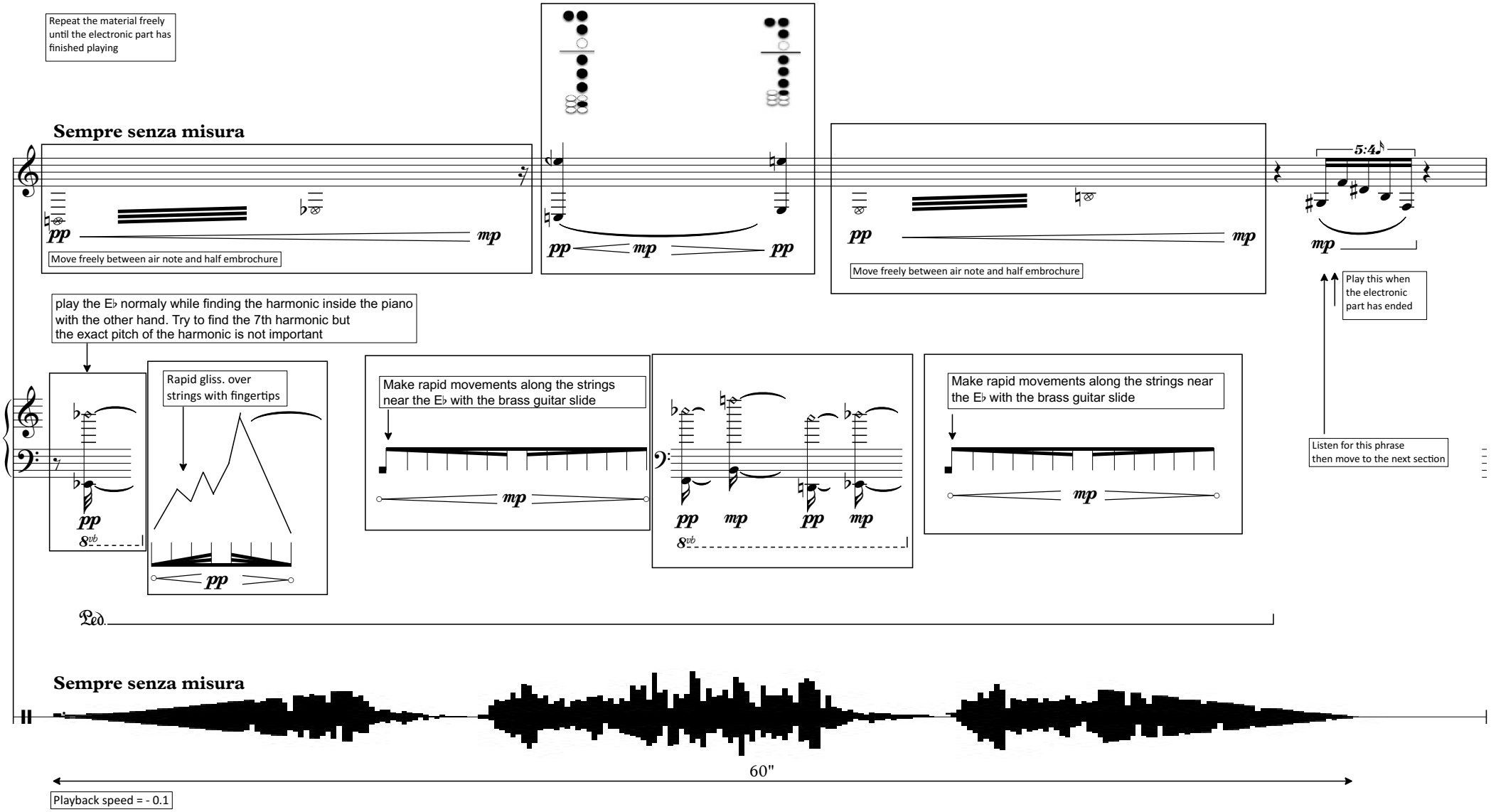


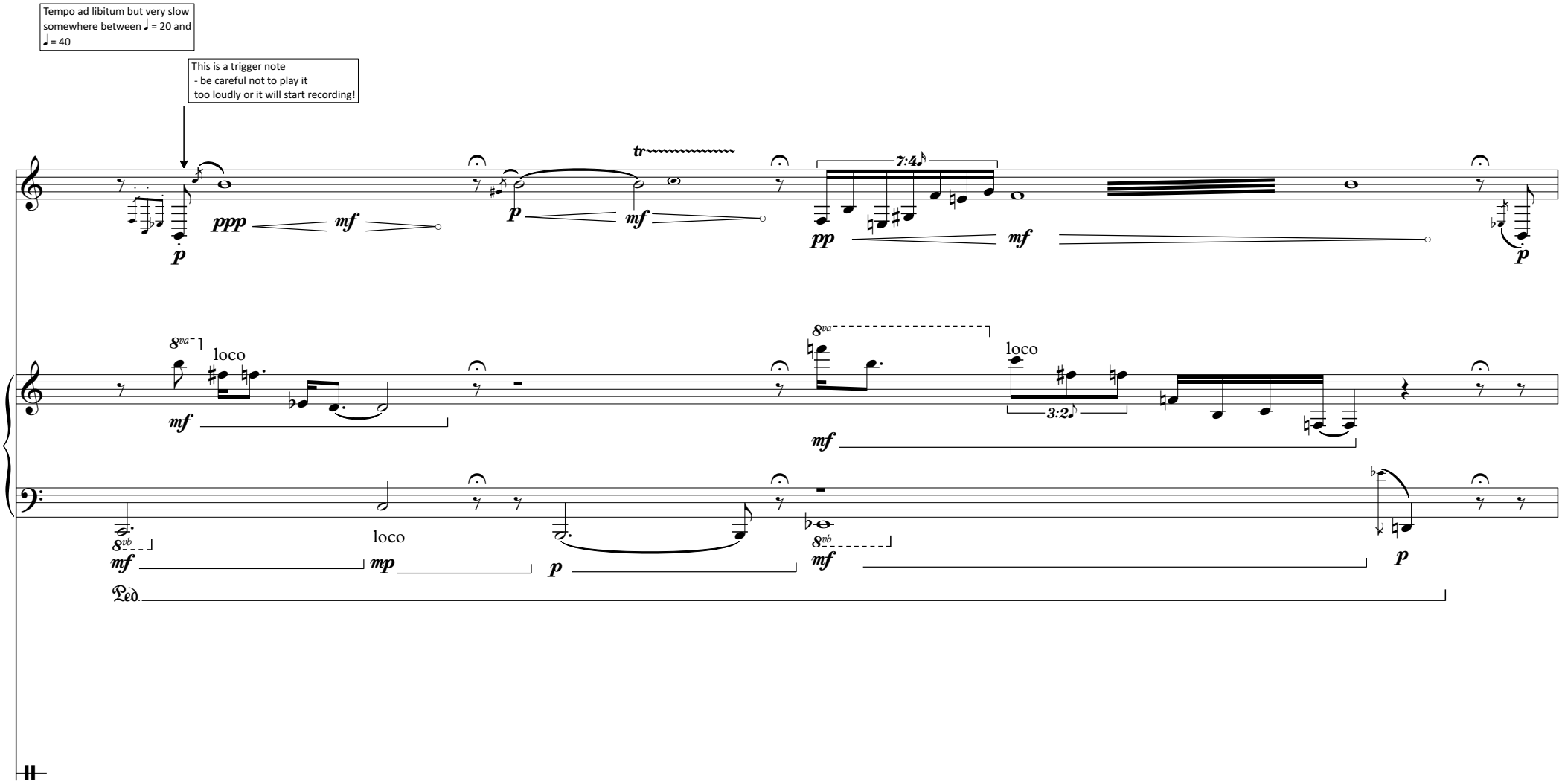


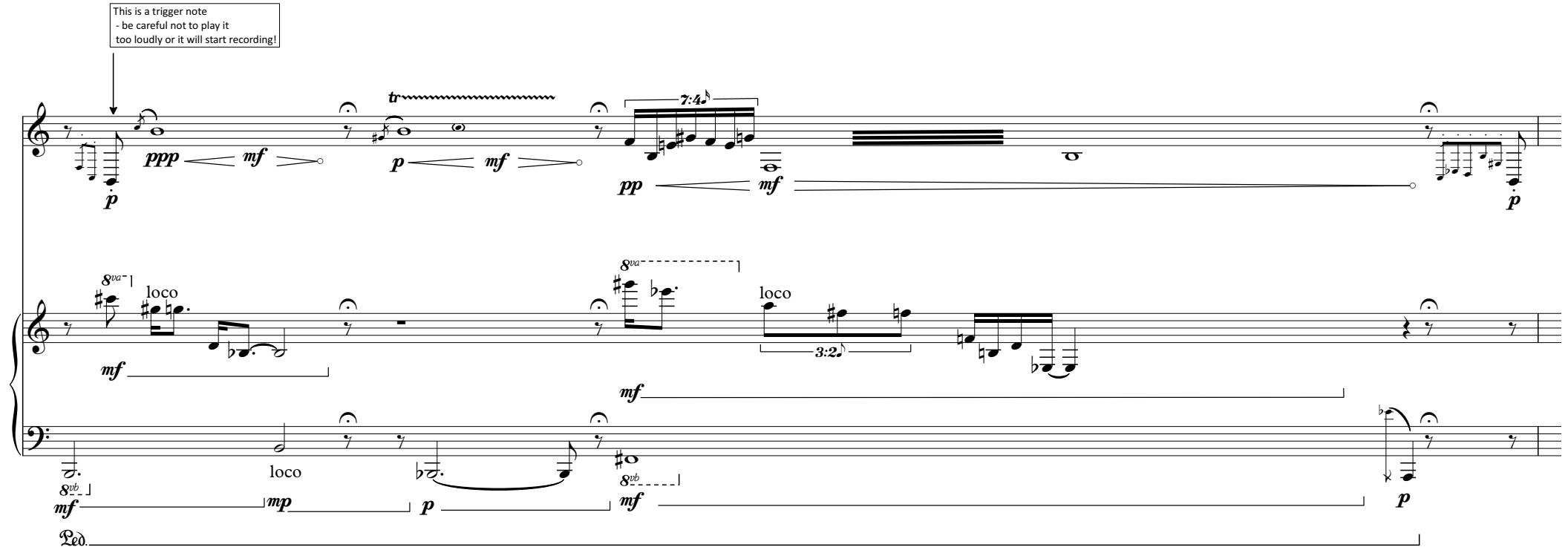
Sempre senza misura

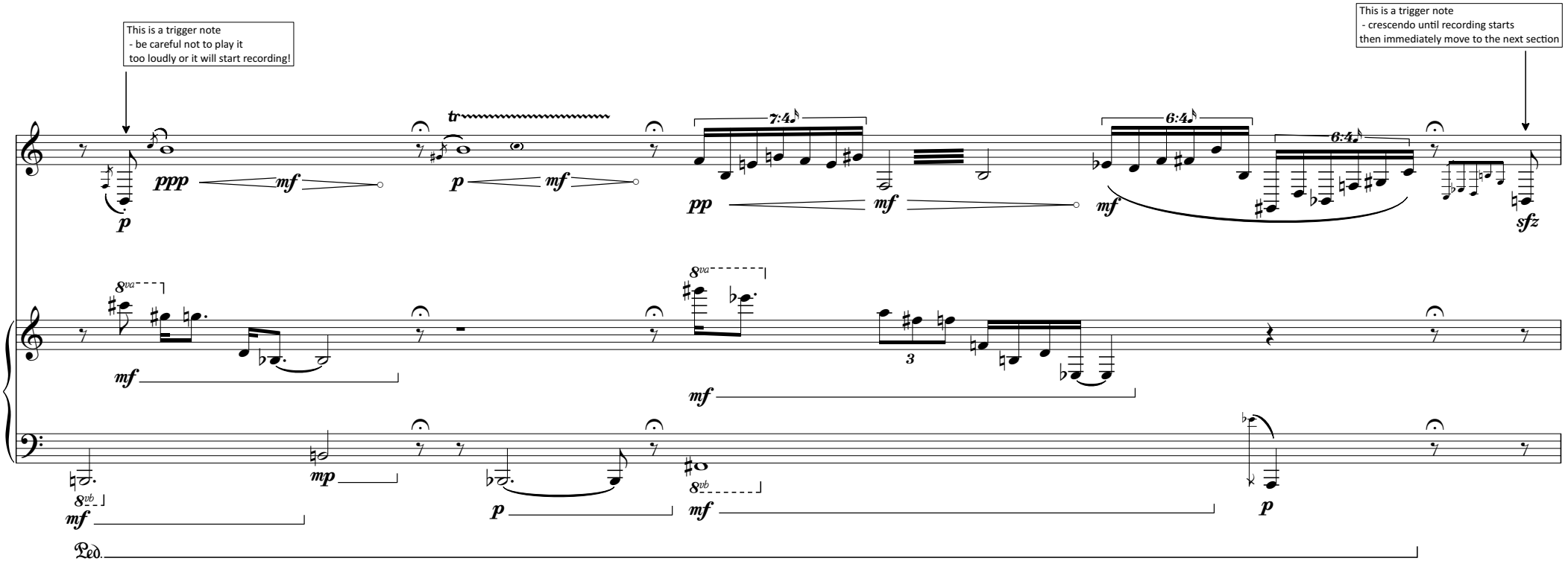


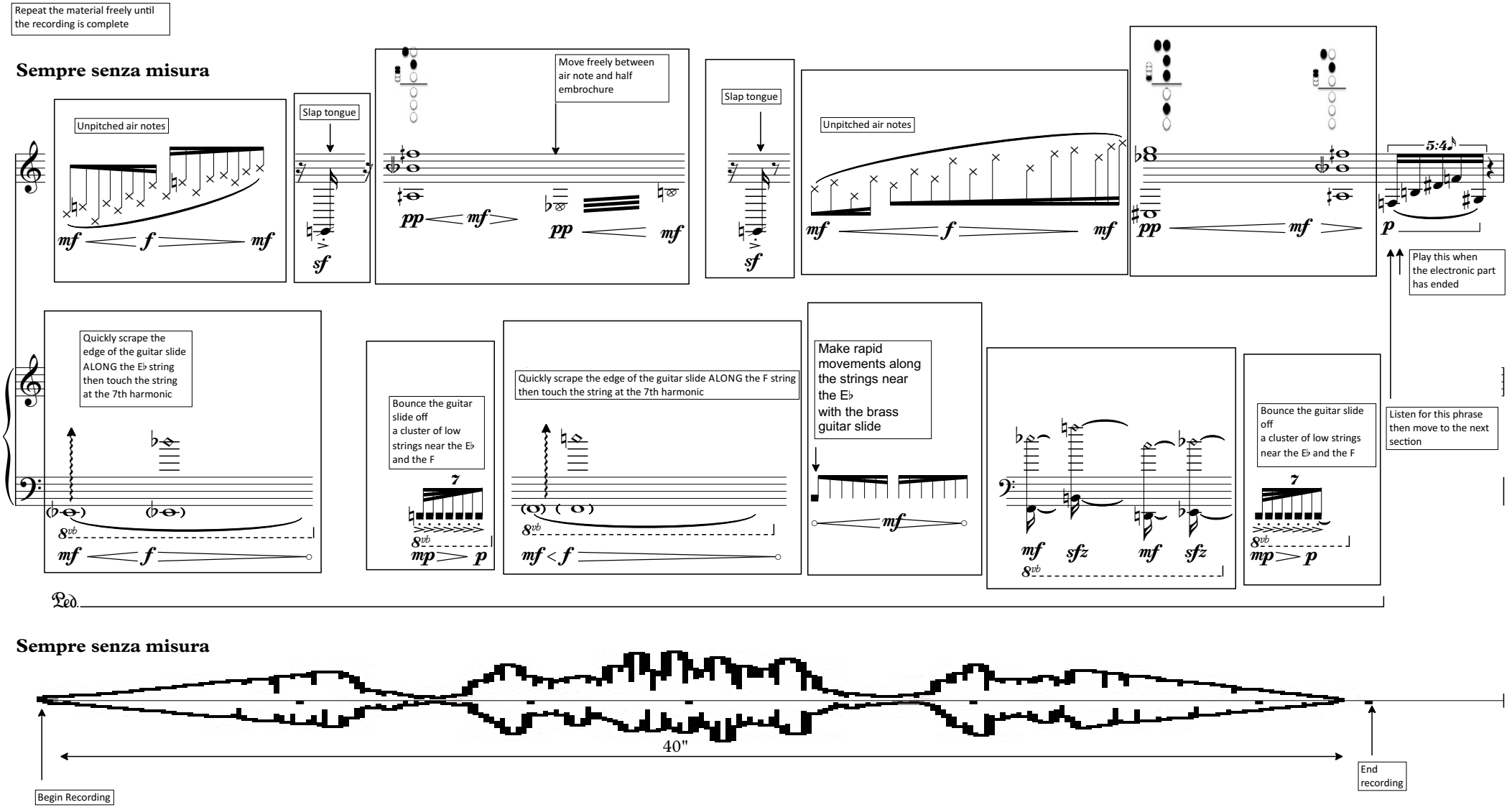

This is a trigger note
- crescendo until the playback directin changes
then play the slap tongue to trigger playback
Slap tongue
Tempo giusto ♩=100
6:4
5:4
8vb
Ped.

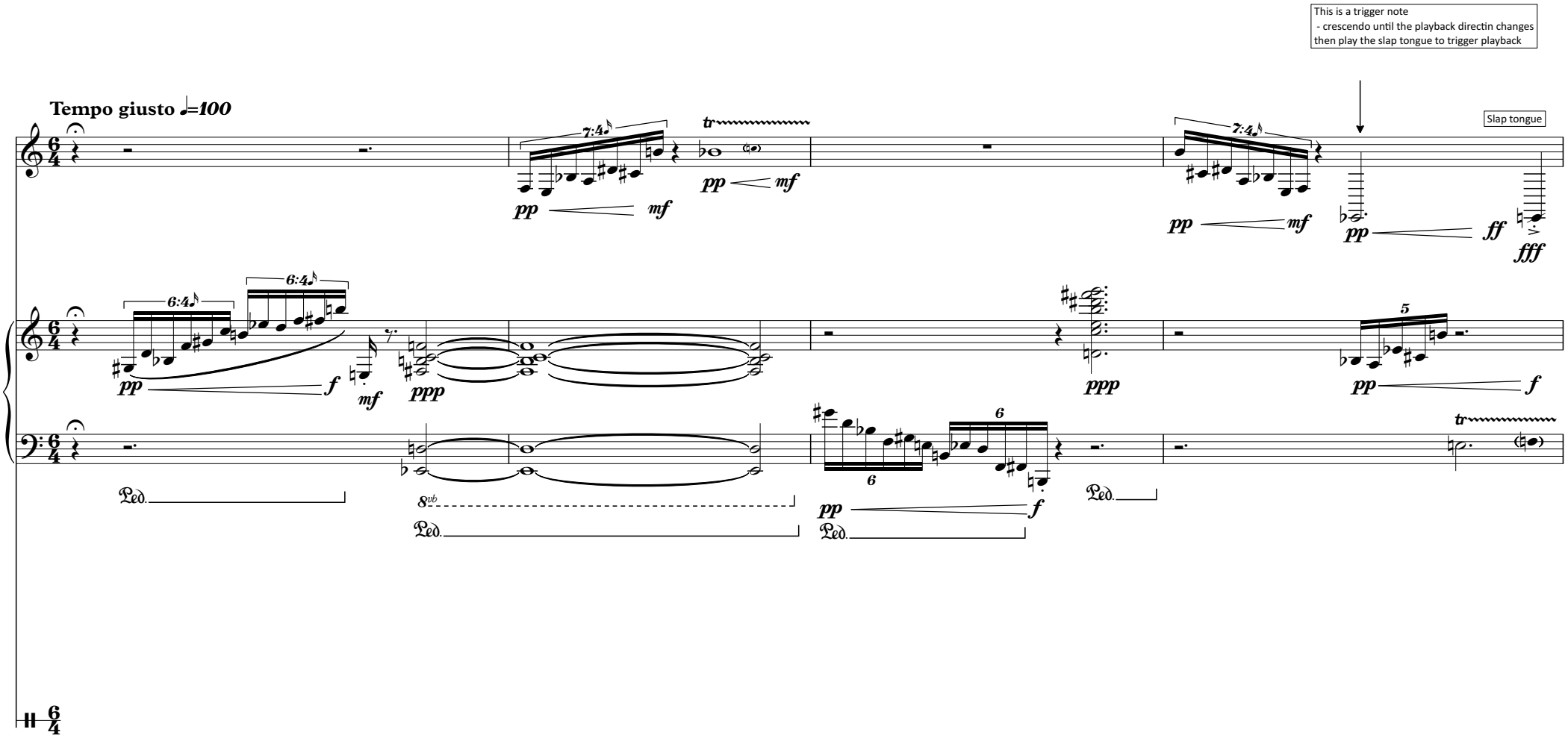

Repeat the material freely until the electronic part has finished playing
Sempre senza misura
pp
mp
Move freely between air note and half embrochure
pp
mp
pp
pp
mp
Move freely between air note and half embrochure
5:4
mp
Play this when the electronic part has ended
play the E♭ normaly while finding the harmonic inside the piano with the other hand. Try to find the 7th harmonic but the exact pitch of the harmonic is not important
pp
8vb
Rapid gliss. over strings with fingertips
pp
Make rapid movements along the strings near the E♭ with the brass guitar slide
mp
pp
mp
pp
mp
8vb
Make rapid movements along the strings near the E♭ with the brass guitar slide
mp
Listen for this phrase then move to the next section
Ped.
Sempre senza misura
60"
Playback speed = - 0.1


Tempo ad libitum but very slow
somewhere between ♩ = 20 and
♩ = 40
This is a trigger note
- be careful not to play it
too loudly or it will start recording!
ppp
mf
p
tr
7:4
pp
loco
3:2
mp
Ped.


This is a trigger note
- be careful not to play it
too loudly or it will start recording!
ppp
mf
p
tr
7:4
pp
8va
loco
3:2
8vb
mp
Ped.

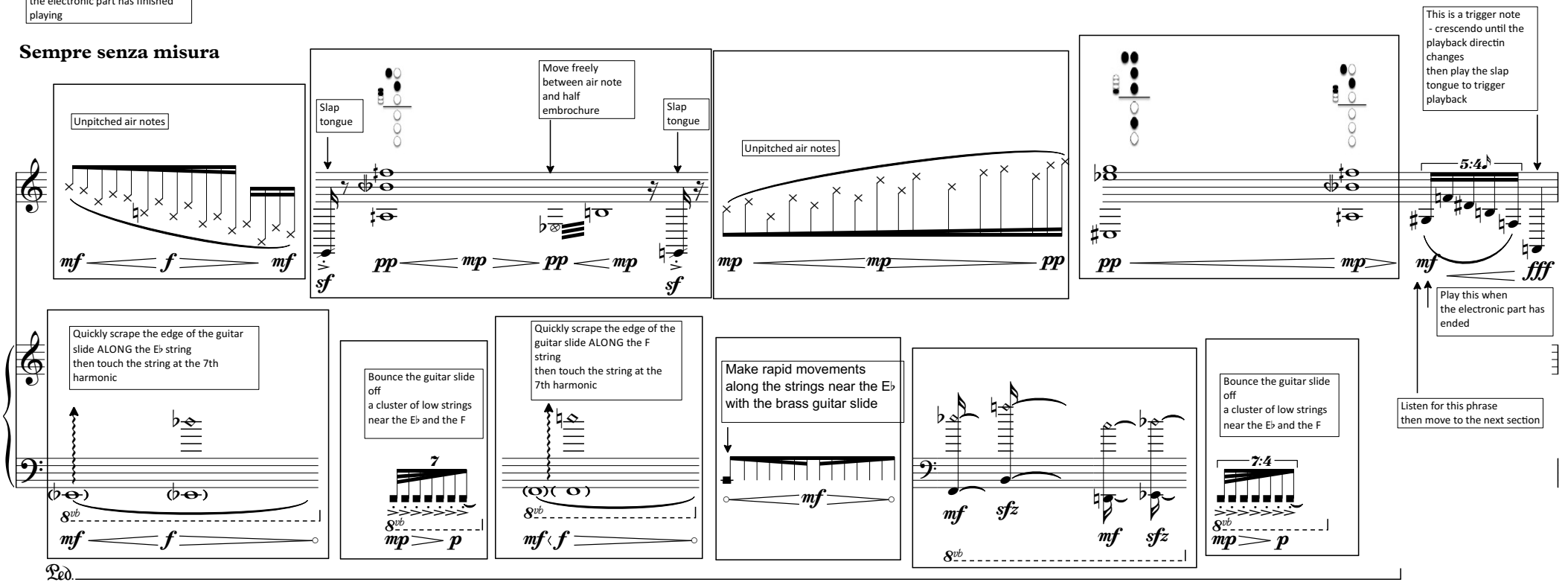

This is a trigger note
- be careful not to play it
too loudly or it will start recording!
This is a trigger note
- crescendo until recording starts
then immediately move to the next section
ppp
mf
p
mf
p
mf
pp
mf
7:4
mf
6:4
6:4
sfz
8va
mf
8va
mf
3
8vb
mf
mp
p
8vb
mf
p
Ped.


Repeat the material freely until the recording is complete
Sempre senza misura
Unpitched air notes
Slap tongue
Move freely between air note and half embrochure
Slap tongue
Unpitched air notes
5:4
Play this when the electronic part has ended
Quickly scrape the edge of the guitar slide ALONG the E♭ string then touch the string at the 7th harmonic
Bounce the guitar slide off a cluster of low strings near the E♭ and the F
Quickly scrape the edge of the guitar slide ALONG the F string then touch the string at the 7th harmonic
Make rapid movements along the strings near the E♭ with the brass guitar slide
Bounce the guitar slide off a cluster of low strings near the E♭ and the F
Listen for this phrase then move to the next section
Ped.
Sempre senza misura
40"
Begin Recording
End recording

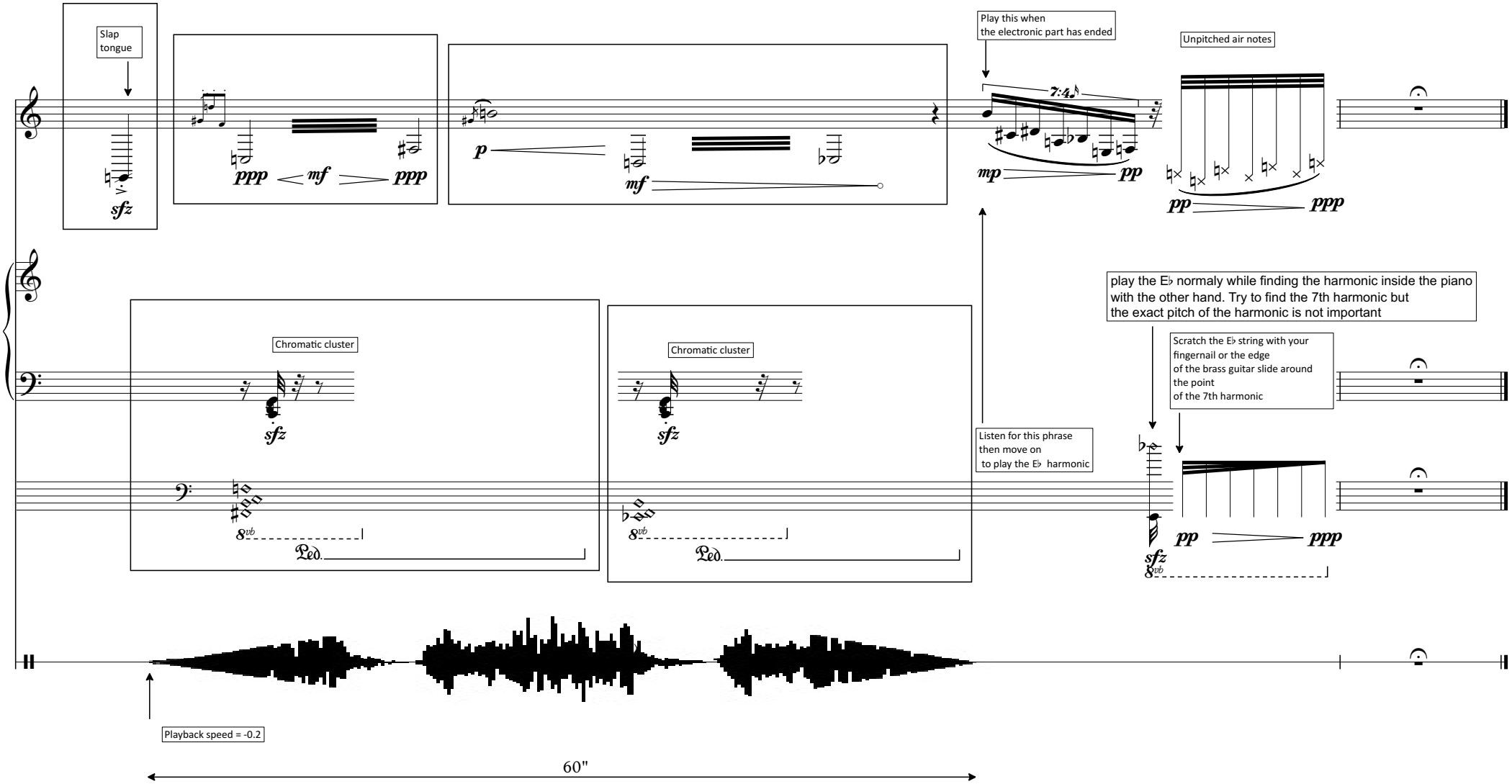

This is a trigger note
- crescendo until the playback directin changes
then play the slap tongue to trigger playback
Tempo giusto ♩=100
Slap tongue
7:4
6:4
tr
pp
mf
f
ff
fff
ppp
Ped.
8vb
6
5

Repeat the material freely until the electronic part has finished playing

Sempre senza misura



Sempre senza misura


Slap tongue
sfz
ppp
mf
ppp
p
mf
Play this when the electronic part has ended
7:4
mp
pp
Unpitched air notes
pp
ppp
play the E♭ normaly while finding the harmonic inside the piano with the other hand. Try to find the 7th harmonic but the exact pitch of the harmonic is not important
Scratch the E♭ string with your fingernail or the edge of the brass guitar slide around the point of the 7th harmonic
Chromatic cluster
sfz
8vb
Ped.
Chromatic cluster
sfz
8vb
Ped.
Listen for this phrase then move on to play the E♭ harmonic
pp
ppp
sfz
8vb
Playback speed = -0.2
60"