

Duo Sprectralis

for Viola, Tárogató & live-electronics in 5.1 surround sound diffusion

© Javier Alejandro Garavaglia (2015)

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♩ = 60

arcoord.

ord. ----- sul pont.

120"

pizz. ord.

pizz. ord.

Viola

fff

pppp

ppp

p

Tárogató

fff

sfz

pppp

pppp

ppp

SMPTE

00:00:00:00

00:00:16:00

00:00:24:00

00:02:24:00

00:02:34:00

Live-electronics

(1/2/3)
 MICs 1 & 2 ON
 PVOC delays + SCHROEDER Rvb ON
 RECORD - 16" viola gliss (for later granulation)
 Specfilt: ACC+EVAP ON (MIC Spectfilt ON)

(4/5)
 SpecFilt ACC OFF
 (SpecFilt MIC OFF)
 MICs 1 & 2 OFF

(6)
 MICs 1 & 2 ON

10

pizz. ord.

arco flautando

pizz. dietro il ponticello

arco

IMPROVISATION I (114")

20"

20"

20"

20"

Vla.

mf

f

f

f

f

sfz

Tar.

ONLY air noise

ord.

pp

mp

mp

fff

SMPTE

00:02:38:00

00:02:42:00

00:02:46:00

00:02:50:00

00:02:54:00

00:03:02:00

00:03:06:00

00:04:05:00

00:04:25:00

00:05:00:00

00:05:20:00

LE

(7)
 SpecFilt EVAP OFF
 (Clear Spectrum)

(8/9)
 SpecFilt ACC ON
 (SpecFilt MIC ON)

(10/11)
 SpecFilt EVAP ON/
 SpecFilt ACC OFF
 (SpecFilt MIC OFF)

(12/13)
 PVOC delays OFF
 SCHROEDER Rvb OFF
 GRAINS ON (preset 4)
 MICS 1 & 2 OFF

(14)
 SCHROEDER Rvb ON

Improvisation for both instruments, but as a dialogue between them, so that they should not improvise at the same time but rather react to one another

20

Vla. *pp* *c.l.batutto* *mf* *fff* *mf* knock the wood of the instrument

Tar. *mp dolce* *simile* *fff* *Keynoise* *sfz* ONLY air noise (V V V) change imperceptibly

SMPTE 00:05:40:00 00:06:00:00 00:06:14:00 00:06:15:00 00:06:19:00 00:06:23:00 00:06:27:00 00:06:31:00 00:06:35:00 00:06:39:00 00:06:43:00 00:06:47:00

LE (15) PVOC delays ON SIMPLE Dyn Delays ON (they act on the grains) (16) GRAINS OFF (SpectFilt evaporation until ca. 7:00:00) (17) MICs 1 & 2 ON

31

Vla. *simile* *fff* *sffz* *fff* *sffz* *fff* *sfz fff* *arco ord.* *sfz fff* *pizz. dietro il ponticello* *pizz. ord.*

Tar. *sfz* *sfz simile* *sfz* *fff* *mf* *fff* *sfzf* *ord. dolce* *Keynoise + Slaptone*

SMPTE 00:06:51:00 00:06:55:00 00:06:59:00 00:07:03:00 00:07:07:00 00:07:11:00 00:07:15:00

LE (18) SIMPLE Dyn Delays OFF (end of fade out EVAP) (19) SpecFilt: EVAP OFF (Clear spectrum)

38

Vla. *sul pont.* change between sul pont & sul tasto ord. flageolet gliss.

Tar. *molto sfz sfz ff p sfz sfz sfz molto mf dolce*

SMPTE 00:07:19:00 00:07:23:00 00:07:27:00 00:07:31:00 00:07:35:00 00:07:39:00 00:07:43:00 00:07:47:00 00:07:51:00 00:07:55:00 00:07:59:00 00:08:03:00

LE (20) PVOC delays OFF (Schroeder Rvb still on) (21) RM-COMB ON (22) SCHROEDER Rvb OFF (23) PVOC Dyn delays ON (RM-COMB continues)

50

Vla. **Presto** =160 Sul C *fff* Glissando **Tempo primo** = 60 16"

Tar. *ff ossia sfz (ff)* Frullato 16"

SMPTE 00:08:07:00 00:08:11:00 00:08:15:00 00:08:19:00 00:08:22:00 00:08:26:00 00:08:42:00

LE (24) RM-COMB OFF (25/26) SpecFilt: ACC ON (start: 08:18:00) (SpecFilt MIC ON) (PVOC Delays continue) (27/28) SpecFilt: ACC OFF (SpecFilt Mic OFF) SpectFilt: EVAP ON (29) PVOC Delays OFF

58

Vla. *pizz.* *arco ord.* *sfz* *fff* *mf* *mf* *sfz* *ff* *f*

Tar. *ord.* *fff* *f* *f* *mf* *mf* *sfz* *mf* *dolce*

Multiphonic ad libitum but with given fundamental note

SMPTE 00:08:46:00 00:08:50:00 00:08:54:00 00:08:58:00 00:09:02:00 00:09:06:00 00:09:10:00 00:09:14:00

LE (30/31)
ENVELOPE FOLLOWER ON
SIMPLE Dyn Delays ON
SCHROEDER Rvb ON

66

Vla. *fff* *ff* *sfz*

Tar. *f* *sfz* 8"

SMPTE 00:09:18:00 00:09:22:00 00:09:26:00 00:09:30:00 00:09:34:00 00:09:38:00

LE (32)
PVOC Delays ON

IMPROVISATION II (90")

73

Vla. *arco ord. Sul C* *fff* *Glissando*

Tar. *fff* *sfz*

(similar to IMPROVISATION I)

10"

10"

SMPTE 00:09:50:00 00:11:20:00 00:11:30:00 00:11:32:00 00:11:34:00 00:11:36:00 00:11:38:00 00:11:42:00

LE (33/34) RM-COMB ON SIMPLE Dyn Delays OFF ENVELOPE FOLLOWER OFF (35) SpecFilt: EVAP OFF (clear Spectrum) (SMPTE: 00:11:19:00) (36/37) SpecFilt: ACC ON (SpecFilt MIC ON) RM-COMB OFF (PVOC dlys still on)

79

Vla. *ord.* *sul pont.* *Glissando* *sempre fff*

Tar. *sfz*

SMPTE 00:11:46:00 00:11:50:00 00:11:52:00 00:11:54:00 00:12:00:00 00:12:06:00 00:12:21:00 00:14:00:00

LE (38/39) SpectFilt: ACC OFF (Mic IN ACC OFF) SpectFilt: EVAP ON (40) MICs 1 & 2 OFF (41) PVOC dlys OFF (SCHROEDER Rvb + SpecFilt EVAP ON continue to the end) Complete FADE OUT to the end $-\infty$ dB

Notes for the performance

- 1) the Tárogató part is already transposed to Bb in this score.
- 2) If there is no possibility to play the piece with a Tárogató, it could be eventually replaced with a soprano saxophone.
- 3) The electronics run automatically from the start. Hence, the performers need only to press the START button on the MAX patch in order to run the piece. There is an offset of 15 seconds between the time of pressing the START button and the actual begin of the piece. The performance starts at SMPTE (time code) 00:00:00:00, as required on the score.
- 4) As the electronics run fully automated, there is no possibility of stopping the piece or rehearsing it partially. Hence, in order to rehearse the piece, both performers must play the piece in its entirety.
- 5) There is no click track for this performance. Both performers should follow the time code given by the MAX patcher. Alternatively, a SMPTE display can be also used on the stage. In that case, it should be connected to OUTPUT 8 of the audio interface (SMPTE is an audio signal coming also from the MAX patcher).
- 6) See diagram for the performance on the stage:

