

Mirjam Tally
Interferences
(2017)

for Paezold contrabass recorder
and tape *ad lib.*

Interferences for Paezold contrabass recorder and tape *ad lib.* (2017), written for Anna Petrini.

Interference is the ability of two waves passing through each other to mingle, reinforcing each other where crests coincide and cancelling each other out where crests and troughs coincide, similar to the way ripples in water interfere with each other. This results, for example, in an interference pattern of light and dark stripes on a screen illuminated by light from two sources.

This process describes well the musical structure of my work - contrasting elements interrupting each other, also transforming from one element to another, or interleaving. Electroacoustic material is based on recordings of extended techniques of Paezold bass recorder, recorded with Anna Petrini at EMS electroacoustic music studio in Stockholm, Sweden. Other recorded sounds: Jorge Variego (bassclarinet), Matilda Andersson, Mirjam Tally and David Åhlén (vocals), Girilal Baars (vocals and didgeridoo) and Omnisphere synthesizer. Tape material mixed in Studio Alpha at Visby International Centre for Composers.

Interferences

For Paezold contrabass recorder and tape *ad lib.*

Mirjam Tally, 2017

ca 0'03''
Rubato quasi improvisata (labium slightly open, flat-hand muted)

labium closed, white noise → slightly open

Paezold b. recorder

f → *pp* → *ppp* (whistle tones, randomly) → *pp* → *p* → *mp* → *ppp* (simile impro, gradually less dynamics)

Tape (begins with silence)

ca 0'50'' (frull. + overblow)

ca 1'02'' (labium closed, white noise → slightly open)

Pzr.

pp → *ff* → *pp* → *mf* → *pp* → *ppp* (whistle tones, randomly) → *pp* → *p* → *mp* (simile impro, gradually less dynamics)

Tape

ca 1'39'' (overblow)

Pzr.

pp → *sfz* → *pp* → *sfz* → *pp* → *sfz*

Tape

ca 1'42'' (gradually to labium closed, slowly, flat-hand muted; gl. 0,5t)

Pzr.

pp → *p* → *pp* → *ppp* → *f* (labium open) overblow → *sfz* (overblow)

Tape

ca 1'52'' (gradually to labium closed, slowly, flat-hand muted; gl. 0,5t; gradually to open)

Pzr.

pp → *ppp* → *sfz* (overblow)

Tape

2
22

ca 2'03''

frull.+overblow

Interferences

overblow

Pzr.

ppp

ff

ppp

ff

ppp

fff

ppp

Tape

A

ca 2'21''

labium closed, white noise

slightly open

inhale (slow)

gradually to wh. tones

(labium slightly open, flat-hand muted)

whistle tones, randomly

ppp

pp

p

mp

simile impro, gradually less dynamics

repeat freely

(silence at tape material until bar 52)

32

ca 3'06''

(labium open)

gradually to open (during c)

overblow

frull.+overblow

p

f

ppp

ff

ppp

simile, with increasing/decreasing dynamics and overblowing, also w shorter length

34

ca 3'22''

overblow

sffz

sffz

f

f

repeat freely

38

ca 3'47''

(labium slightly open, flat-hand muted)

whistle tones, randomly

ppp

pp

p

simile

ca 4'15''

overblow

p

sfz

ca 4'23''

B

(labium slightly open, flat-hand muted)

labium trill

frull.+overblow, using these harmonies, trem. between these notes, freely

ppp

simile

simile

p

mp

p

Pzr.

Vocals

Tape

(silence)

51 ca 5'18''
dissonances, voice

freely

1-3x

slow vibr.

ca 6'18''

slow vibr.

Pzr.

Vocals

Tape

57

1-3x

1-3x

Pzr.

Vocals

Tape

64

Pzr.

Vocals

Tape

70

Pzr.

Vocals

Tape

The musical score is divided into four systems, each with three staves: Pzr. (bass clef), Vocals (treble clef), and Tape (wavy line).
System 1 (measures 51-56): Pzr. starts with *ppp* and a note, followed by a section marked 'freely' with a '1-3x' repeat sign. The system ends with a 'ca 6'18'' marker and 'slow vibr.' instruction. Vocals and Tape have dynamic markings *p* and *mp*.
System 2 (measures 57-63): Pzr. has a '1-3x' repeat sign. Vocals and Tape have dynamic markings *p* and *mp*.
System 3 (measures 64-69): Pzr. has a '1-3x' repeat sign. Vocals and Tape have dynamic markings *p* and *mp*.
System 4 (measures 70-75): Pzr. has a '1-3x' repeat sign. Vocals and Tape have dynamic markings *p* and *mp*.

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Interferences

106

Pzr.

overblow

ca 11'37''

frull.+overblow

f

ff

keys, freely

The musical score is written for a percussion instrument (Pzr.) in bass clef. It begins at measure 106 with a triplet of eighth notes, marked 'overblow' and 'f'. This is followed by a series of notes, some with vertical hatching, marked 'ca 11'37'' and 'frull.+overblow'. A bracket labeled 'Interferences' spans a section of the music. A dynamic marking 'ff' is present. The section ends with a wavy line and the instruction 'keys, freely'.