

DENİZ ÇAĞLARCAN

FOR 15 INSTRUMENTS

FULL SCORE

The meaning of *Akousma* is “a thing heard” which is used for acousmatic music that is uniquely composed for speakers on contrary to live performance. There two influential composers in my music; Pierre Schaeffer and R. Murray Schafer. Both have distant boundaries and different ways of musical understandings. By thinking of the semantic and syntactic characteristics of *sound events* - *sound objects*, I constructed a music which includes pictorial layers where a figure constructed on top of a ground which helps to expose its outline and mass while having the collaboration of their unique sonic qualities as *sound objects*. The performance is the reflection of this metaphoric musique concrète and soundscape relationship.

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Akousma (2020)

for 15 instruments

Instrumentation:

Flute - Piccolo
Clarinet in Bb
Alto Sax
Bassoon

Trumpet in C
Trombone
Tuba

Percussion

Tubular Bells

Bass drum - Four objects are placed face down; a small cymbal, an F3 crotale, high woodblock and one slab of wood.

Crotales - Full range

Ratchet

Rainstick

Wind Chimes

Bullroarer

Thunder Tube

Piano

Accordion

Violin I
Violin II
Viola
Violoncello
Double bass

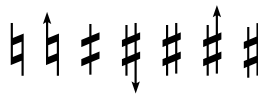
The score is transposed.

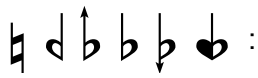
Duration: app. 10'20"


Performance Instruction

General


Do not vibrate long notes unless it is written.

 : 0, +25, +50, +75, +100, +125, +150 cents

 : 0, -25, -50, -75, -100, -125, 150 cents


 : Sudden crescendo at the end.


"f" "ff" "fff" : play as loud as you can.


 : Stop the sound generation.

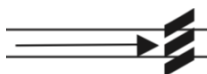
Very wide and slow vibrato between 50 cent up and down


: non-consistently change the pitch slightly up to 50 cent up and down overtime

 : Play faster through time

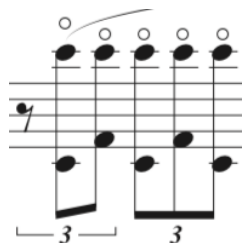
 : Play slower though the notes.

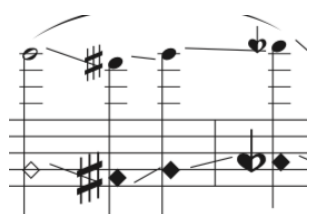
let ring 5"
 : Wait 5 seconds for sound dissolve.

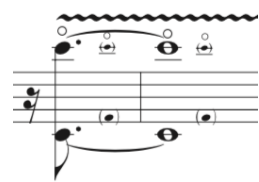
 : Start to play tremolo over time.

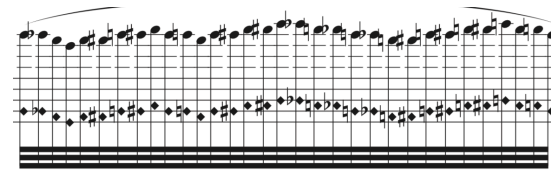
 : Stop playing tremolo over time.

Flute


 : Play the same harmonic by changing the fundamentals.


 : Generate whistle tone.


 : Play the same harmonic by changing the fundamentals.


 : Generate whistle tone.

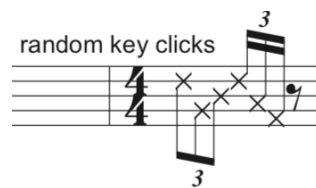
Wind Instruments

 : Generate continues air sound.


 : Generate airy pitch.


 : Exhale into instrument to generate air sound.

 : Inhale into instruments to generate air sound.

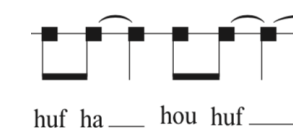
random key clicks
 : Generate audible random key clicks.

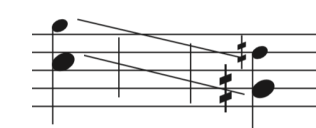
Bassoon

 : Generate air sound with random key clicks.


 : Play the same harmonic by changing the fundamentals.


Brass

 : Air sound sound with changing vowels.
huf ha__ hou huf__


 : Multiphonic singing, perfect 5th above.


Percussion


 : Hard mallets.

 : Play with bow.

Percussion Continue

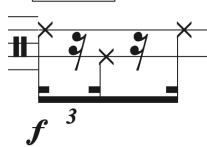
 : Tubular bells mallet.

 : Wire brushes

 : Circler continuous motion.

CWBD : 4 objects are placed faced down on a medium sized bass drum. One small cymbal, one crotales, one high woodblock, one slab of wood. Hit all four object simultaneously, always dead stroke.

WWBD : Hit to woodblock and slab of wood at the same time always dead stroke.

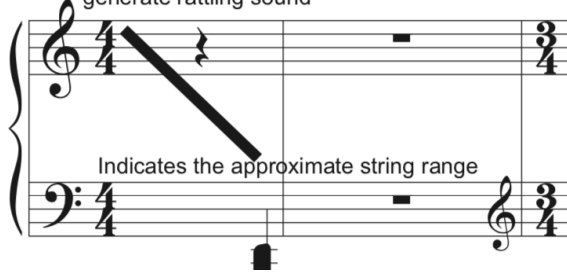
WWBD : The upper note refers to woodblock while the lower note refers to slab of wood.


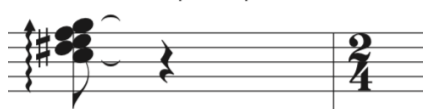
CCBD : Hit to small cymbal and crotales at the same time, always dead stroke.

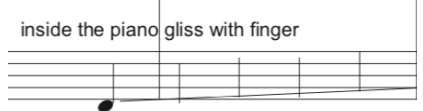
CBD : Hit to small cymbal, always dead stroke.

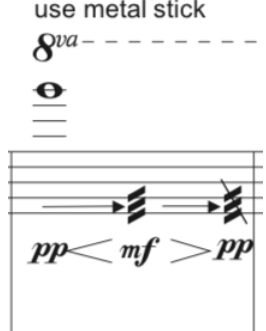
Piano

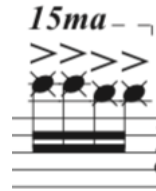
C8 and B7 keys are prepared. Kneaded eraser is put on top of strings to stop string oscillation. Only a knocking sound should be heard.

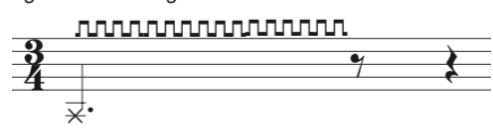
slide a solid card on the string inside the piano, generate rattling sound
 : Slide a solid card on the indicated approximate string range inside the piano, generate rattling sound. Fast playing.
 Indicates the approximate string range

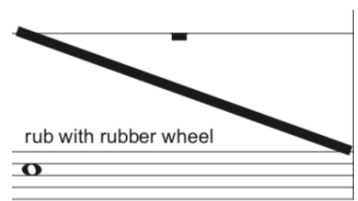
Inside the piano pizz. with nails
 : Play the notes inside the piano with nails.

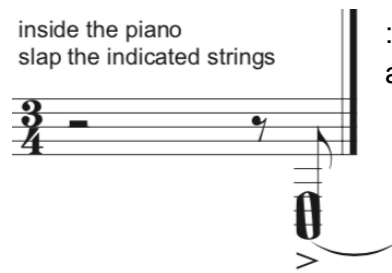
inside the piano gliss with finger
 : Play a glissando with finger as indicated range inside the piano.

inside the piano use metal stick
 : Use a thin metal stick to play a tremolo inside the piano.

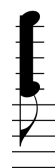
15ma
 : Indicated the prepared C8 and B7 with normal playing.

slide a solid card on the string inside the piano, generate rattling sound
 : Slide a solid card on the string inside the piano, generate rattling sound. Play slow and loud.

inside the piano
 : Rub the indicated string with rubber wheel inside the piano. Generate high pitched unstable sound.

inside the piano slap the indicated strings
 : Slap the indicated strings approximately inside the piano.

8va
 : Play inside the piano and tremolo among strings of the note with the help of long thin metal stick.

 : Cluster chord within indicated range.

Strings

ord. : ordinario

mst. : molto sul ponticello


msp. : molto sul tasto


c.l.b. : col legno battuto


c.l.b. saltando: col legno saltando

con crini : with hairs

half crini half tratto : both the wood and the hairs of the should touch the strings.


 : Playing with overpressure sticks bow and string that helps to generate rhythmical scratch sound.


 : Play behind the bridge. The notehead numbers indicates the string.

 : Bartok pizz.

Strings Continue


 : col legno battuto saltando.


 : Half press.

 : Play eight figure with the bow.

I and II strings
In the range of first position

: It only comes when bow is played as
col legno tratto with fingerboard clef.
Use your bow in the range of first
position.

 : Seagull sound effect.

 : This clef indicates the range between bridge and
fingerboard. With this clef bow is played as col legno tratto.
Lines show the approximate location of the bow.

Akousma

for 15 instruments

♩ = 72

Flute: pitched air sound, *gliss.*, *f*, *mf*, *f*, *mf*, *f*

Clarinet in B \flat : [rest]

Alto Sax: pitched air sound, *p*, *mf*, *glissando*

Bassoon: air sound, *ff*

Trumpet in C: air sound with changing vowels, *ssh*, *sff*, *ff*, *ss*, *ha*

Trombone: air sound with changing vowels, *ha*, *ho*, *huf*, *ff*, *ssh*

Tuba: air sound with changing vowels, *ha*, *ff*, *sh*, *ss*, *ss*, *ha*

Percussion: [rest], CWBD, Crotales, *f*, *mf*

Piano: slide a solid card on the string inside the piano, generate rattling sound; Indicates the approximate string range; Inside the piano pizz. with nails; press the keys silently; Inside the piano pizz. with nails

Accordion: play audible key clicks, *mp*, *ff*; continuous air sound, *f*

Violin I: *p*, *f*, *f*, *mp*, *f*, *p*, *mf*, *mp*, *mf*

Violin II: *c.l.b saltando*, *f*, *p*, *f*, *mp*, *f*, *p*, *mp*, *pp*, *mf*

Viola: *c.l.b*, *f*, *f*, *ond.*, *mf*, *p*, *mp*, *pp*, *mf*

Cello: *jeté*, *sfz*, *s*, *p*, *f*, *mp*, *3*

Double Bass: *sfz*, *sfz*, *arco*, *mp*

♩ = 100

Fl. *slap tongue* *f* *whistle tone* *mp*

B♭ Cl. *p* *air sound with pitches* *mf*

A. Sx. *air sound* *fff*

Bsn. *mf*

C Tpt. *sss* *su* *ff* *fu* *ff* *mf* *f* *f*

Tbn. *sss* *su* *ff* *fu* *ff* *mf* *f* *f*

Tuba *sss* *su* *ff* *fu* *ff* *mf* *f* *f* *exhale* *ha* *f* *fff* *exhale*

Perc. *Crotales* *WWBD* *f* *Ratchet* *ff*

Pno. *15ma* *f* *mp* *f* *8va* *sfz*

Acc.

Vln. I *c.l.b* *f* *c.l.b* *3* *sfz* *mp*

Vln. II *c.l.b* *f* *c.l.b saltando* *sfz* *c.l.b saltando* *sfz* *c.l.b* *sfz* *mp*

Vla. *f* *half crini half tratto* *mf* *mp* *mf* *c.l.b* *sfz*

Vc.

D.B.

♩ = 90

B

Fl.

B♭ Cl.

A. Sx.

Bsn.

C Tpt.

Tbn.

Tuba

Perc.

Pno.

Acc.

Vln. I

Vln. II

Vla.

Vc.

D.B.

very very slow cresc.

pppp

ff

very very slow cresc.

pppp

ff

very very slow cresc.

pppp

ff

ff

ppp

f

air sound with changing vowels

ss

air sound with changing vowels

ff

inhale

exhale

exhale

air sound with changing vowels

ha

CBD

let ring

Crotales

let ring

ff

15ma

8va

8vb

let ring

very very slow cresc.

pppp

fff

mf

half crini half tratto

very very slow cresc.

pppp

fff

mf

half crini half tratto

very very slow cresc.

pppp

fff

mf

half crini half tratto

c.l.b.

f

IV

pppp

fff

mf

half crini half tratto

c.l.b.

fff

mf

half crini half tratto

half crini half tratto

fff

mf

half crini half tratto

fff

mf

half crini half tratto

37

Fl.

B♭ Cl.

A. Sx.

Bsn.

C Tpt.

Tbn.

Tuba

Perc.

Pno.

Acc.

Vln. I

Vln. II

Vla.

Vc.

D.B.

ff

ff

mf

f

ff

ss *sff* *fu* *hh* *ha* *haf* *ff* *fss* *ss* *sff* *fa* *ha*

ha *hou* *huf* *ff* *fss* *ss* *sff* *fa* *ha* *hou* *huf* *ff*

fss *ss* *hu* *ho* *hoa* *ha* *haf* *ff* *fss* *ss* *su* *suff* *ff* *fss* *ss*

mp *ff* *mp* *f* *mp* *f* *p* *ff* *p* *mf* *mp* *f* *mp* *mf* *mf* *f*

mf

f

f

f

f

f

45 ♩ = 114

Fl.

B♭ Cl.

A. Sax.

Bsn.

C Tpt.

Tbn.

Tuba

Perc.

Pno.

Acc.

Vln. I

Vln. II

Vla.

Vc.

D.B.

f

mf

ff

sfz

sf

mf

mf

air sound with changing vowels

sh ss sff fu hh ha haf

ha ff sh

ss hu ho hoa ha haf ff

con crini msp.

65 Piccolo

Fl. *f*

B♭ Cl. *f*

A. Sx. air sound "ff"

Bsn. air sound "ff"

C Tpt. air sound "ff"

Tbn. air sound "ff"

Tuba air sound "ff"

Perc. air sound "ff"

Pno. *ff* 8vb

Acc. *f*

Vln. I continuous air sound *f*

Vln. II continuous air sound *f*

Vla. continuous air sound *f*

Vc. continuous air sound *f*

D.B. continuous air sound *f*

air sound with changing vowels
ff fss ss sff ff fss ss ffs ha ff ffs ss

air sound with changing vowels
sff ff fss ffs sff ha huf ff

air sound with changing vowels
ha hau huf ff ss su huf ff fss ss su

inside the piano
slap the indicated strings

8va

♩ = 50

71

Fl. *ff* *mf*

B♭ Cl. *ff* *f* *mf* *f*

A. Sax. *ff* *mf* *mf* *f*

Bsn. *ff* *mf* *mp* *mf*

C Tpt. *ff* *mp* *mf* *mp*

Tbn. *ff*

Tuba *mp* *mp* *mp*

Perc. *ff*

Pno. slide a solid card on the string inside the piano, generate rattling sound
Indicates the approximate string range
ff *8vb*

Acc. *ff* *ff*

Vln. I *ord.* *f* *mp* *mf* *mp* *mp* *mf*

Vln. II *ord.* *f* *mf* *mp* *mf*

Vla. *ff* *mp* *mf*

Vc. *ff* *mp* *con crini* *mp*

D.B. *ff*

77

Fl.

B♭ Cl.

A. Sax.

Bsn.

C Tpt.

Tbn.

Tuba

Perc. Crotales

Pno.

Acc.

Vln. I

Vln. II

Vla.

Vc.

D.B.

f

mf

mp

p

mp < mf

ord.

84

Fl. *Flute* *mp* *mp* *mp*

B♭ Cl. *mf* *mp*

A. Sx. *mp* *mp* *mp*

Bsn.

C Tpt. *mp* *mp* *mp*

Tbn.

Tuba *mp* *mp*

Perc. *f* *f* *f* *f* *f*

Pno.

Acc. *mp* *p* *p* *mp* *mp* *p* *p* *mp*

Vln. I *mp* *mf* *mp* *mp* *mp* *p* *p* *mp*

Vln. II *mp* *mf* *mf* *mp* *mp* *mp* *p* *p* *mp*

Vla. *mp* *mp* *p* *mp* *mp* *mp* *p*

Vc. *mp* *mp* *mp* *p* *mp* *mp* *mp* *mp*

D.B. *mp* *p* *p* *mp* *p* *p* *mp* *p*

E

Fl. *f* *f* *ff* *f* *f* *f* *f*

B♭ Cl. *mf*

A. Sx. *f*

Bsn. *f* *f* *f* *f* *f* *f* *f*

C Tpt. *mp* *f* *mp* *ff*

Tbn. *f*

Tuba *ff*

Perc. *mp* *mf* *mp*

Pno. *ppp* *mp* *pp* *mp* *p* *f* *pp* *f* *mp* *mf* *p* *f* *ff* *mp* *f* *mp* *p* *ff* *mf* *mp* *f* *mp* *mf*

Acc. *fff*

Vln. I *ff*

Vln. II *ff*

Vla. *ff*

Vc. *ff*

D.B. *ff*

Try to generate multiphonics between note changes

inside the piano

rub with rubber wheel

Wind Chimes

multiphonic singing

Bb/B

115 (Very wide and slow vibrato between 50 cent up and down)

Fl. *mp* *mp* *mp*

B♭ Cl. *mf* *mf* *mf* *mf*

A. Sx. *mp* *mp* *mp* *mp*

Bsn. *f* *f* *mp* *mp* *mp*

C Tpt. *p* *p*

Tbn. *f* *mf* *mf*

Tuba *ff* *mp* *mp* *mp*

Perc. *f* *f* *f* Wind Chimes *p*

Pno. *ff*
inside the piano
slap the indicated strings

Acc. *mp* *p*

Vln. I (Very wide and slow vibrato between 50 cent up and down)

Vln. II (Very wide and slow vibrato between 50 cent up and down)

Vla. (Very wide and slow vibrato between 50 cent up and down)

Vc. (Very wide and slow vibrato between 50 cent up and down)

D.B. *f* *mp*

♩ = 100

F whistle tone

Fl. *mf* *mp* *mp* *Piccolo ord.*

B♭ Cl. air sound with pitches *mf* *mp* *f* *ff*

A. Sx. air sound *f* *ff* *mp* *f* *ff*

Bsn. *f* *mf* *mf* *f* *ff*

C Tpt. *f* *ff* *ff* *f* *ff*

Tbn. *p* *f* *mp* *fff* *f* *ff* *mp*

Tuba multiphonic singing *f* *mp* *fff* *ppp* *p*

Perc. *f* *f* *mf* *fff* *ff* *fff* *f*

Pno. *8va* *fff* *15ma* *fff*

Acc. play audible key clicks *fff* *fff* *fff* *fff* *fff* *f* *ff*

Vln. I *fff* *f* *ff* *fff* *fff* *mp* *mp* *fff*

Vln. II *fff* *f* *ff* *fff* *fff* *mp* *mp* *fff*

Vla. *fff* *f* *ff* *fff* *fff* *c.l.b.* *f* *f* *fff*

Vc. *fff* *f* *ff* *fff* *fff* *c.l.b.* *half crini* *half tratto* *mp*

D.B. *f* *mp*

CWBD *fff* **Crotales** *f*

161

Fl. *ff*

Bs. Cl. *ff*

A. Sx. *mf*

Bsn. *f* *ff*

C Tpt. *ss* *sff* *fu* *hh* *ha* *haf* *ff* *fss* *ss* *sff* *fa* *ha*

Tbn. *ha* *hou* *huf* *ff* *fss* *ss* *sff* *fa* *ha* *hou* *huf* *ff*

Tuba *fss* *ss* *hu* *ho* *hoa* *ha* *haf* *ff* *fss* *ss* *su* *suff* *ff* *fss* *ss*

Perc. *ff* *ff* *ff* *ff* *ff* *ff* *ff* *ff*

Pno. *mp* *ff* *mp* *f* *mp* *f* *p* *ff* *p* *mf* *mp* *f* *mp* *mf* *mf* *f*

Acc. *mf*

Vln. I *f*

Vln. II *f*

Vla. *f*

Vc. *f*

D.B. *f*

I

Fl. *f*

B♭ Cl. *mf*

A. Sax. random key clicks *ff* air sound *mp*

Bsn. random key clicks with airy pitches *ff* air sound *mp*

C Tpt. random key clicks air sound with changing vowels *ff* *mp* ff fss ss sff ff fss ffs ha

Tbn. random key clicks air sound with changing vowels *ff* *mp* fss ss hu ho hoa hh ha haf ff fss ss

Tuba *mp* *ff*

Perc. WWBD *mf* CCBD l.v. *ff* Rainstick *f*

Pno. ord. 15ma *f* *p* 15ma *f mp f*

Acc. *ff* random key clicks *f*

Vln. I *f* *f*

Vln. II *f* *f*

Vla. half crini half tratto *mp*

Vc. con crini *msp.* *mf* *mf*

D.B. half crini half tratto *mp*

173

Flute
very very slow cresc.

B♭ Cl.
very very slow cresc.

A. Sax.
very very slow cresc.

Bsn.
pppp f mf

C Tpt.
ff fss ss sff mp

Tbn.
ss sff ff f

Tuba
fss ss su mf

Perc.
Crotales let ring
CWB
let ring
mf

Pno.

Acc.
continuous air sound
mf fff mp

Vln. I
very very slow cresc.
msp. mp

Vln. II
very very slow cresc.
III msp. p

Vla.
very very slow cresc.
msp. mp

Vc.
mf f

D.B.
mf

J

♩ = 58

183

Fl. *mf* *fff* let ring 5"

B♭ Cl. *f* *fff* let ring 5"

A. Sax. *mf* *fff* let ring 5"

Bsn. *f* *fff* let ring 5"

C Tpt. *f* *fff* let ring 5"

Tbn. *fff* let ring 5"

Tuba *mp* *fff* let ring 5"

Perc. *fff* let ring 5"

Pno. *fff* inside the piano slap the indicated strings

Acc. *mf* *fff* let ring 5"

Vln. I *mf* *fff* let ring 5"

Vln. II *mf* *fff* let ring 5"

Vla. *mf* *fff* let ring 5"

Vc. *mf* *fff* let ring 5"

D.B. *mf* *fff* let ring 5"

ord. *msp.*

mf *mp* *fff*

air sound with random key clicks

Crotales

CWBD
X X l.v.