

EDUARDO MOGUILLANSKY

BEMESSUNG #1: GEWICHT

(part of Jardin d'Acclimatation)

2016 / FOR TURNTABLES AND ENSEMBLE

DUR: 8'

INSTRUMENTS

- Flutes x 2
- Clarinets in B x 2
- Baritone Saxophone
- Two Percussion Players, playing Turntables
- Violins x 3
- Violas x 2

TURNTABLES

ELEMENTS NEEDED

- Two turntables, one direct-driven, one belt-driven
- Phono preamp for each turntable
- Two discs each, labeled Disc 1 and Disc 2, with the sides labeled A and B
- Two volume pedals.
- Speakers in situ.

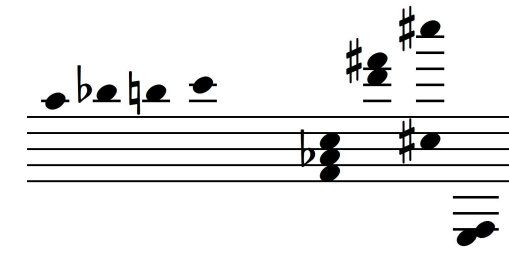
CONNECTION

Turntable → Phono Preamp → Volume Pedal → Loudspeaker (or mixer)

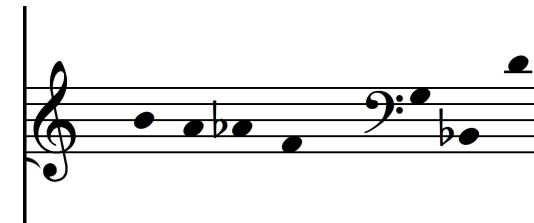
The turntable players play a turntable each. Player 1 uses a Direct-driven turntable (DJ turntable). Player 2 uses a belt-driven (Hi-Fi) turntable. The difference is that a belt-driven turntable is more sensitive to hand actions and allows smoother glissando, a dj turntable, because of its greater traction, allows bigger weights to be placed and results in more regular glissandi.

Each player has two discs, consisting purely of sine tones. The pitches are as follows, from outside to the inside:

DISC 1, SIDE A (LEFT) AND SIDE B (RIGHT)



DISC 2, SIDE A (LEFT) AND SIDE B (RIGHT)

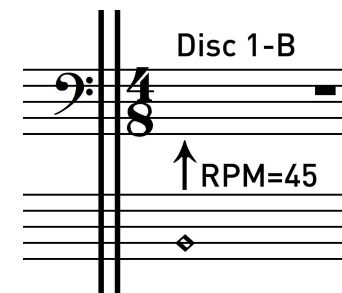


These are the pitches when the turntable is set to 33 RPM. Setting it to 45 RPM transposes the pitches up by a 4th and ~34 cents.

[33] Indicates the revolutions per minute. Press the corresponding button on the turntable

W: 4 Kg The weight to be placed on the turntable

P: -4% The DJ turntable has a pitch slider to fine adjust the rotation speed. Use it with great discretion, trying to make your movement as less evident as possible



The lower staff indicates the position of the needle with a „flageolet“ notehead. In this case, place the needle at the 4th sound counting from the outside to the inside. In the upper staff the resulting pitch is notated

① Position of the weight. The position can be either at the centre (in which case a 0 will accompany the image), or off-axis, which will

result in a periodic speed down/speed up. A position of 1 is slightly off-axis, with an audible variation in pitch. A position of 2 is more off-axis, with a very clear variation in pitch. A position of 3 is only possible on the DJ turntable and will result in a very pronounced change in pitch.

A position of 0 will change the pitch by a slight amount (around a ¼ tone, depending on the register)



Used to indicate the action of the needle. Each turntable has a small lever to move the needle down (in contact with the disc) or up (silent). The „up“ action is quite immediate, the „down“ action can have a small delay.



For the DJ turntable only: press the play/stop button

[HOLD] Grab the turntable gently to (gradually) stop it from moving, resulting in silence.

hand gliss. Press the turntable with the hand to slow the rotation and produce a downward gliss.

hand on weight While adjusting the pitch, place the hand on the weight to induce a small and irregular variation in pitch.

[OFF] Turn the turntable off. The disc keeps rotating until it stops by itself. The sound is onyl stopped when the disc stops moving.

Bemessung I: Gewicht

$\text{♩} = 60/66$

The score is a multi-stemmed musical score for the piece "Bemessung I: Gewicht" by Eduardo Moguillansky. It features the following parts and markings:

- Flute 1 & 2:** Mostly rests, with specific articulation and dynamic markings in the final measure of the piece.
- Clarinet 1 & 2:** Play a melodic line with dynamics ranging from *pp* to *p*.
- Sax Baritone:** Plays a melodic line with dynamics *pp*, *p*, and *sf*. Includes a trill in the final measure.
- Percussion 1:** Uses a turntable (Disc 1-B) with "Perc 1 plays a Direct-driven turntable." and "RPM=45".
- Percussion 2:** Uses a turntable (Disc 1-B) with "Perc 2 plays a Belt-driven turntable." and "RPM=45".
- Violin 1 & 2:** Play with "con sord." and dynamics *p* and *pp*. Violin 1 has a "very fast" marking at the end.
- Violin 3:** Plays with "con sord.", dynamics *n*, *sf*, and *ppp*. Includes a "15^{ma}" marking and a "ric." (ritardando) section.
- Viola 1 & 2:** Play with "con sord." and dynamics *pp* in the final measure.

8

FL. 1

FL. 2

CL1

CL2

Sax

P1

P2

W: 4 Kg

RPM=33

VI1

VI2

VI3

Vla1

Vla2

tasto

ric.

ppp

f

p

n

f

pp

ppp

[33]

[45]

[45]

FL. 1
 FL. 2
 CL1
 CL2
 Sax
 P1
 P2
 VI1
 VI2
 VI3
 Vla1
 Vla2

Musical score for measures 32-45. The score includes parts for Flute 1 & 2, Clarinet 1 & 2, Saxophone, Percussion 1 & 2, Violin 1, 2, & 3, and Viola 1 & 2. It features various musical notations such as triplets, dynamics (pppp, p, n, f), articulation (hand gliss., [HOLD]), and performance instructions (tasto).

FL. 1

FL. 2

CL1

CL2

Sax

P1

P2

Vl1

Vl2

Vl3

Vla1

Vla2

[45]

[33]

[45] [33]

[HOLD]

pppp

mf

pppp

pp

pppp

mf

f

p

p

p

n < p > n

n < p > n

pppp

tasto

pp

pp

n < f >

n < f >

n < f >

hand on weight → P. -10%

hand gliss.

FL. 1

FL. 2

CL1

CL2

Sax

P1

P2

Vl1

Vl2

Vl3

Vla1

Vla2

hand on weight
P: -8% → P: -10%

P: -8% → P: -10%

W: 4 Kg

[HOLD]

Disc 1-B

P: 0%

pppp

mf

p

sf

sf

sf

p

mf

p

sf

3

n

3

3

Musical score for page 55, measures 54-59. The score is arranged in a grand staff format with the following instruments and parts:

- FL. 1 (Flute 1)
- FL. 2 (Flute 2)
- CL1 (Clarinet 1)
- CL2 (Clarinet 2)
- Sax (Saxophone)
- P1 (Percussion 1)
- P2 (Percussion 2)
- VI1 (Violin 1)
- VI2 (Violin 2)
- VI3 (Violin 3)
- Vla1 (Viola 1)
- Vla2 (Viola 2)

Measure 54 (3/4 time) contains rests for all instruments. Measure 55 (3/4 time) contains rests for all instruments. Measure 56 (5/4 time) contains rests for all instruments. Measure 57 (5/4 time) contains rests for all instruments. Measure 58 (5/4 time) contains rests for all instruments. Measure 59 (5/4 time) contains rests for all instruments.

Percussion parts (P1 and P2) include the following markings:

- Measure 55: Triangle (triangle symbol), Mallets (square symbol), Cymbal (circle with '2' inside).
- Measure 56: Triangle (triangle symbol), Mallets (square symbol), Cymbal (circle with '2' inside).
- Measure 57: Triangle (triangle symbol), Mallets (square symbol), Cymbal (circle with '2' inside).
- Measure 58: Triangle (triangle symbol), Mallets (square symbol), Cymbal (circle with '2' inside).
- Measure 59: Triangle (triangle symbol), Mallets (square symbol), Cymbal (circle with '2' inside).

Dynamic markings for Percussion 1 (P1) and Percussion 2 (P2) include:

- Measure 56: W: 2 Kg (Weight 2 Kg), P: -4% (Pitch -4%)
- Measure 59: W: 4 Kg (Weight 4 Kg)

FL. 1

FL. 2

CL1

CL2

Sax

P1

P2

Vl1

Vl2

Vl3

Vla1

Vla2

W: 4 Kg

hand on weight

lift hand P: -8%

let the turntable speed down on its own [OFF]

[HOLD]

stop the disk very gently, then lift the needle

