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an unne

by

Alfred Jimenez Villafana

A dissertation submitted in partial satisfaction of the requirements for the degree of Doctor of Philosophy

in

Music

in the

Graduate Division

of the

University of California, Berkeley

Committee in charge:

Professor Ken Ueno, chair

Professor Edmund Campion

Professor Cindy Cox

Professor Emeritus Peter Glazer

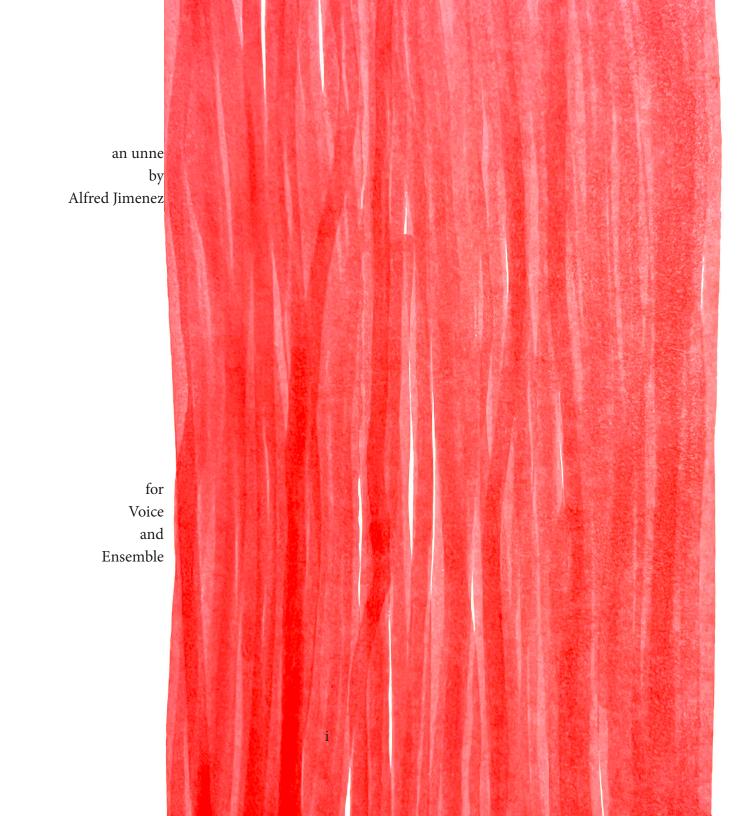
Spring 2024

Abstract

an unne by Alfred Jimenez Villafana

Doctor of Philosophy in Music University of California, Berkeley Professor Ken Ueno, Chair

This composition extends my research, with the continuous objective of creating a sense of autonomy and presence on stage by focusing on actions that aim to provoke an inner intention in the player and subsequently produce sound. The approach involves treating sound holarchically, considering factors such as physical actions, dynamic energy, strain, rhythm, tempo, pitch, noise, and amplitude. By doing so, the importance of each material is determined by its physical consequence rather than the amount of work put into developing or performing it. The piece aims to liberate sound to speak in a different context and to be conceived in new ways, to provoke responses rather than prescribe actions for certain sounds. This approach endeavours to create music that emphasizes awareness of the proceedings and an equal reaction to sound and physical actions. The music is therefore solely written for live performances, with consideration for psychoacoustic parameters impacting the sound. The ultimate goal is to achieve a sense of emergence and autonomy on stage, where purpose actualizes due to presence rather than predetermination or goal. The music I am writing is an ongoing pursuit of this entity and state.



 $\label{lem:decomposition} Dedicated \ to \ Elisabeth \ Ekberg \ Romanenko \ \ - \ for \ what \ is \ and \ what \ is \ not.$

Original version for solo voice written 2021 Revised and extended version for voice and ensemble 2024

Instruments

Flute:

Bass flute, regular C Flute and Mouthpiece of a C Flute as well as a Bird Whistle.

Bass Clarinet in Bb: Bass Clarinet and a Bird Whistle

Trombone:

(Tenor or Bass)

Trombone with the f - valve open, a separate extra slide and a Bird Whistle

Voice

Lavalier microphone attached to cheek and back of the neck - see tech. spec.

Electronics

Live video feed and gain control of the two microphones. The patch contains a cue list which is written to control both the live video feed and the gain of the two microphones. This can be done by one person or the patch can be divided between two persons - one controlling the mics and the other controlling the live video feed.

Percussion
Wooden table
Large 32" Timpani
Wine glass
A light cup
Snare drum
Two wooden hammers
Claves

Bird whistle:

Text

She Walks in Beauty BY LORD BYRON (GEORGE GORDON)

She walks in beauty, like the night Of cloudless climes and starry skies; And all that's best of dark and bright Meet in her aspect and her eyes; Thus mellowed to that tender light Which heaven to gaudy day denies.

One shade the more, one ray the less, Had half impaired the nameless grace Which waves in every raven tress, Or softly lightens o'er her face; Where thoughts serenely sweet express, How pure, how dear their dwelling-place.

And on that cheek, and o'er that brow,
So soft, so calm, yet eloquent,
The smiles that win, the tints that glow,
But tell of days in goodness spent,
A mind at peace with all below,
A heart whose love is innocent!

George Gordon, Lord Byron. "She Walks in Beauty" from Hebrew Melodies. London: John Murray, 1832-33. Public Domain. Source: Hebrew Melodies (John Murray, 1832-33)

"an Unne" primarily employs vocal sounds based on vowels without any linguistic significance, instead focusing on establishing a semantic relation to physical actions and, throughout the course of the work, relating these to the body and the existence on stage.

Despite not being based on a text, the piece incorporates the poem "She Walks in Beauty" by Lord Byron. However, the poem is not interpreted or translated into any sonic representation; rather, it serves as a pause, moment of reflection, distinction, and contemplation within the piece.

The poem and the music each carry their own inherent meanings, and they coexist and intersect at certain points in time. The fact that they both coexist alters their meanings and purposes, but they do not actively interpret or adapt to one another.

Sound Concept

The piece is built on the concept of a solid silence and is therefore preferred to be performed in front of a live audience.

Any recording of the piece should be seen as a mere documentation. With this concept the silence is treated as a solid physical material. To produce sound within a solid silence, one must use a certain amount of physical energy to make this solid silence resonate. The score therefore focuses on a combination of gestures, actions that are both symbols of sounds and sometimes only symbols of action.

The actions, gestures or effort that the musicians are required to perform are never to be simulated or pretended: everything that transpires on the stage must be real, indifferent of the sonic result or lack of it. The score often provokes the performer to produce sounds, instead of instructing the performer to produce a certain sounding result. A purity in sound is almost impossible to achieve within this solid silence, luckily it is not the aim of the piece either.

When the piece has reached a musical maturity, the wanted result is to create tangible tension in the sound, the physical gestures and silence. All this so to create a space where a total focus on sound might be possible.

General instructions on timing

All rhythms and note lengths are relative and relatively dependent on the surrounding note values the players choose to express within the musical context. A 16th note can have one value on page one, but another value on page two. It all depends on the intensity the player chooses to move forward with. Sudden changes can be implemented if the player signifies a specific reason for this.

In general, the rhythmic notation can loosely be interpreted as:

4th notes - slow proceedings, progression halts.

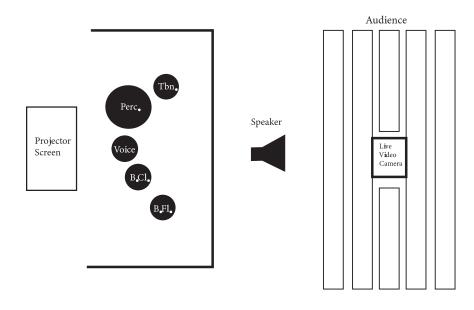
8th notes - slow proceedings, progression flows steady but never rushed.

16th notes - somewhat rushed proceedings, progression is noticeable and persistently moving forward.

32nd notes - rushed proceedings, progression is fast and surges forward.

Within this free timing, the players are not to deviate too greatly from the relative timings within the surrounding note values and actions. The faster note values in the piece are never to be performed slowly, but the performer can choose to vary the speed.

Stage layout & Technical spec.



Stage layout

This piece works and experiments with space as a two-dimensional distance between two points.

The technical nature of the piece is a means to aid and enhance different experiences of distance. The amplification is therefore not solely used as a means of amplifying sounds for the purpose of audibility.

- 1 omnidirectional lavalier microphone placed on the cheek
 - 1 attached to the back of the neck
 - Projector with projector screen
 - One loudspeaker

•

The front lavalier microphone is to capture vocal actions while the transducer microphone on the back of the neck is to capture sounds of physical movements.

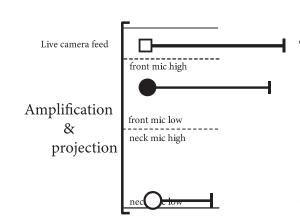
Amplification and live video feed

(A cue list is provided along with the Max patch which includes all the gain levels.) The staff has three spaces:

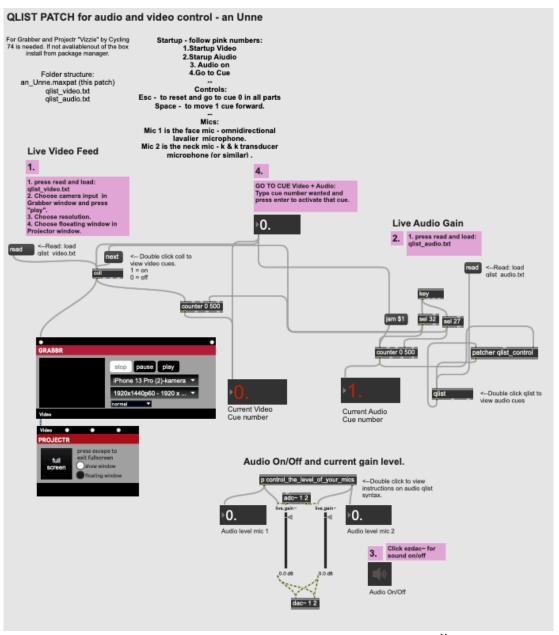
The upper space indicates video on/off with a box followed by a line which indicates time.

The middle space controls the lavalier microphone on the cheek. A filled circle indicates microphone on/off, followed by a line to indicate duration. The placement of the circle indicates the gain level of the microphone, where the upper region is high gain and the lower region is low gain.

The lower space regulates the transducer microphone on the back of the neck. A hollow circle indicates microphone on/off, followed by a line to indicate duration. The placement of the circle indicates the gain level of the microphone, where the upper region is high gain and the lower region is low gain.



Electronics patch



General remarks on notation





Effort indications - Dynamic instructions within parentheses indicate force and energy and not sounding dynamic. Sometimes the effort notation is combined with ordinary dynamic notations which usually indicate some kind of strain. The parameters should then be balanced without losing too much energy in the strain.



Double aligned note heads - means alternate between the two techniques.

Double note head above or below - means combine the two techniques

When double note heads are combined with a third the two are combined with the third - in this example the techniques are performed inhaled because of the triangle on the stem.

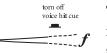


Backed out - page 30 contains a section where the hall is to be blacked out. Voice is completely separated from the other parts and not synced.

Percussion has a leading part in organizing the other instruments with 6 cues during this black out. The blackout is symbolized by the inverted colours in the active roles of the ensemble while the other instruments only reacts to these and are therefore written in a common manner.

ca. 35"

Time indications in seconds - These time indications are suggested moments and should be adapted to the environment and space where this piece is performed. The acoustics, size of the hall, distance to the audience and energy of the moment are some of the parameters that are to be taken into account when executing these time indication boxes.



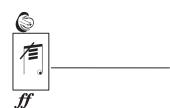
Stop sub.



Torn off - Stop the action as if torn off, the intention was that sound would continue. Do not simulate, physically remove the instrument or stop action despite effort to continue.

Stop sub. - Stop playing as a conscious action. Active.

Sub. Still - Stop playing as a result of physical stillness in your body. Passive.



Gestures written in boxes with extended lines are treated as loops. No alternation of the material inside of the box is necessary except repeating it for the length of the extended line.



Mouth actions - The open mouth indicates the mouth is opened as wide as possible, it is to be opened to the point where the head almost starts trembling due to the effort. Other actions along with the opened mouth should be performed to ones best ability despite the open mouth. Do not adapt the open mouth to any other technique or action.



Points of orientation and reactional timing

The vertical lines that appear in the score are points of orientation between the parts, they can also be real-time reactional points during the performance. These points in time can be executed in two different ways:

1. The two players synchronize the entry to an orientation point. This is shown by a dotted line and can be physically shown as a cue.

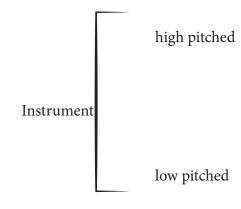
2. One of the parts plays the impulse - the other parts subsequently reacts to that impulse as immediate as possible. This is represented by the dotted arrow showing who is providing a cue (origin of arrow) for the other to react (where the arrow ends). These cues are not physically shown but are meant to be reacted to based on listening.

Staff

The staff gives an approximate orientation in high and low pitch. These indications are relative and a guideline for the performer.

When specific pitches are written these should be followed. Undefined pitches should be approached relative to their position on the staff as well as the surrounding notes and situation.

In the trombone part the staff also indicates approximate slide position.



Bass Flute playing techniques

Vocabulary W. Dist. - With distance to the mouthpiece

Mp. - Mouthpiece. flz. - Flutter tongue.

Cont. - Continue.

W.o. instr. - Without instrument

W.t. - whistle tones

Tpt. emb. - Play on the mouthpiece with trumpet embouchure.

The techniques are described to function on a closed flute with a closed end tube. The end tube is shut tight with Styrofoam throughout the whole piece, so that the flute becomes airtight. Other materials and ways can also be used, simply make sure the flute becomes air tight.





Different angle of attack of the mouthpiece -



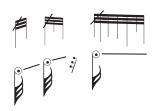
- 1. Ordinary angle and playing technique.
- 2. Cover opening of mouthpiece and lip-plate.
- 3. Cover mouthpiece completely by covering the complete lip-plate with the mouth. Blow straight in.



Double horizontal notation - this indicates two things that are happening at the same time. In this example, the lower line is showing that the performer is to use the voice through the flute and the upper line shows what keys are to be opened and varied during the time the note is being sung.

Voice - Whenever the performer is asked to perform vocal actions it is always in a approximate pitch. Occasionally the actions are illustrated by a "high voice" indicating a high pitch or a "low voice" indicating that a low pitch is to be performed.

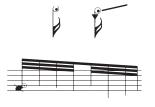
Lip plate in mouth - combined with the straight into the mouth piece the lip plate is firmly pressed into the mouth with the mouth open. This has also a visual effect so it is important that the flute is firmly pressed into the mouth stretching the corners of the mouth firmly.



uneven shake.



Uneven shake of the flute - shake the flute while performing the indicated technique. It can vary from a slight shake to a violent shake where air escapes and is blown around the flute.



Dotted note head - Indicates sung voice and is often done through the instrument or combined with playing as in third example. The second example shows inhaled voice.



Wave flute mouthpiece in front of mouth. The flute mouth piece is held in one hand so that the tube ending of the mouthpiece can be opened and closed with that same hand while waving it.

Slashed note heads - indicates airy or grainy timbre quality. When combined with air cross - exaggerate airy sound of timbre.

Crossed note heads - The more slender

cross indicates air sound. Pitch does

not need to be heard - difference in high or low should be clearly heard though. They can also be quasi jet

whistle when written out as in next

example. The quasi jet whistle is as a

Key clicks and changing keys - key

clicks are written out with thicker

crosses accompanied with written

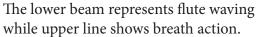
just empty keys as in the second

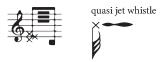
instruction. Not to be confused with

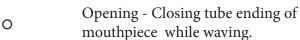
Playing around where it starts to speak.

softer jet whistle

example.







- 1. Open
 - 2. Closed

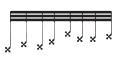
rams.

3. Half opened



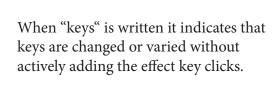


Regular key whistles. The lower pitch indicates the fundamental for the whistle while partial is not defined. When no pitch is defined as the fundamental it is up tot he player to choose one.





Rounded note heads - Tongue rams. Going from quasi jet whistle to tongue



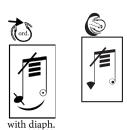


хi



Triangle note heads - tongue pizzicato. There is one inconsistency in this and that is when used with vowels taken from the voice part.

Here the triangle combined with the voice note results in a torn off vocal action. As if you would say a word on A but are torn off immediate. Duration is not longer than a pizz.



Diaphragm attacks are produced with the diaphragm and often used in combination with a fast alternations between voice and other technique like pitch with trumpet embouchure like the examples show.

It is executed with support in the diaphragm and the voice interrupting the played technique to become a spasm like alteration between the two.



Trumpet embouchure - played straight into the flute mouth piece. The second example is combined with the square low not - the flute is closed and tpt. Sound is forced through the instrument so that the D# key slightly lets out sound. The third example is tpt. With added voice



Square note - the square note indicates that the flute is fully closed but air is forced through the instrument lifting D# key to produce sound - in this case it is an air sound.



Flutter tongue - the z and flz. indicates flutter tongue. If nothing else indicated about the embouchure or mouth piece angle it is played with a regular position.



Spoken text - speak plainly if nothing else is indicated. The "rhythm" is just an indication of how long it supposed to last and not an indication on speed in the speech.

Key whistles with slight air sound



Key whistles - Produced by slightly opening the notated key and blowing air through the flute to create a high pitch.



More air sound in the first example by slightly opening the keys more after an initial response in the whistle.



Obstructed inhaled air - Air is inhaled through the instrument but strained by the lips to produce a soft squeaking sound. This should not sound like the tpt embouchure - softer much more strained and more subtle in its timbre.



Uneven trill - in this case playing with voice, irregularly change the speed of the trill but never slowing down completely.



Slowly to trill - slowly build up speed to a regular trill

Bass Clarinet in Bb playing techniques

Vocabulary

Mp. - Mouth piece.

W. Distance (w. Dist.) - Play with a distance to the mouth piece. Usually combined with air sound.

Whistle tone - With distance, blow a soft air stream with an angle to find a very soft whistle sound.

Flick tongue - Flick the tongue inside the mouth to disturb the air stream. Often combined with plain air sound, m.t.s.

Or inhaled air.



Key clicks - Thick crosses. Aim to produce a audible pitch. Sometimes just "keys" are written out. It is not as important to produce a pronounced pitch with the keys themselves but the keys are more used to vary the result of another technique. They also usually don't have crossed note heads.



Air sound - pitches are not important in air sound however there should be some difference between higher and lower air sound even if the relation is relative.



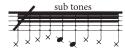
Air with distance - Aim occasionally produce a high pitched emerging whistle tone from the air hitting the mouthpiece.



Triangle note heads - as a note head pointing upwards indicates tongue rams. Always soft and subtle.



Rounded note heads - slap tongue which occurs in both soft and string dynamics A more open slap tongue is used in single event occurrences like the first one and a more closed one in the second where there is more of a gesture and percussive quality to it

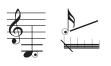


Sub tones - soft and breathy timbre in the low register. Always as a written instruction. Slashed note head indicates only airy pitch or pitch of lesser quality.





Slashed note heads - Lesser timbre quality or airy pitch. Different outcome in various dynamics where softer dynamics could be failure to always completely and speak and in stronger dynamics added air to have airy pitch or slightly out of tune from the written pitch. Even in softer dynamics when not speaking - energy should not be decreased but always follow the rhythm and energy of the gesture and physical action.





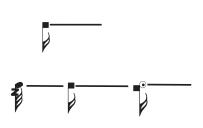
Dotted note head - Indicates sung voice and is often done through the instrument or combined with playing as in the examples.



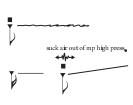
Filled diamond note head - whistle with mouth. Always into the instrument with mouthpiece removed. In this example keys are added to the sound to slightly alter the whistle.



Gargle and growls - a "Z" on the steam indicates a growl or a gargle. While a gargle is focusing on the throat sound itself a growl focuses on colouring a pitch making the projection much clearer.



Square note heads - indicates obstruction. Usually tied with other techniques or coming from other techniques what is happening is to be completely obstructed by a exaggerated strain of the embouchure hinder most sound. The second example shows going from gargle and pitch to complete obstruction to some voice escaping the obstruction in the third note.



Triangle note heads (pointing down) - always inhaled air through the instrument. Sometimes combined with other techniques - the techniques are then to be performed inhaled. The Square above indicates obstruction of the embouchure - exaggerated pressure producing a sucking sound from the mouthpiece in this case.



Multiphonics - Only two multiphonics occur in the piece with the fingerings shown here.





Harmonics and harmonic whispers - are harmonics/throat harmonics played over a low fundamental. The harmonic whispers are much quieter and more subtle they are all written with a diamond note head with or without the fundamental from which they are4 produced. The second example with the arrow up asks for the highest possible harmonic.



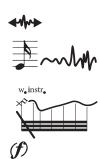
Diaphragm attacks are produced with the diaphragm and often used in combination with a fast alternations between voice and other technique such as regular pitch as in the example.

It is executed with support in the diaphragm and the voice interrupting the played technique to become a spasm like alteration between the two.

uneven shake.



Uneven shake of the flute - shake the flute while performing the indicated technique. It can vary from a slight shake to a violent shake where air escapes and is blown around the flute.



Continuation of techniques - when ever a line follows a note it illustrates the execution of that note. In the first example it is an uneven shake of the instrument. In the second the line is showing the prolonging of the first note and the steams without the note heads are changes in the fingering.

Trombone Props/mutes and modifications

A second slide is needed - only the slide to perform a quick slide pop. Harmon mute

Straight mute

The f -valve attachment of the trombone is to remain open throughout the piece, meaning that any pitch played through the attachment does not come out of the bell.

Vocabulary

W. Dist. - With distance to the mouthpiece. Often combined with air. Air is then aimed at the mouthpiece with a small distance.

W.o. instr/trombone or w. Instr./ Trombone - without instrument/with instrument

Mp. - Mouthpiece.

Still - a surrendering stillness, no tension is to be kept during this

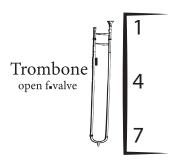
Moment, everything simply stops.

flz. - Flutter tongue.

Cont. - Continue.

Torn off - an ongoing action or sound is abruptly stopped by physically remove the instr.

Stop sub. - Not as violently stopped as the previous. Tension is kept compared to the following and the silence and lack of action is not passive but active.



Staff

The staff shows approximate slide positions, as well as when the f-valve is pressed down.

The lower staff shows when the mic is on/off. The player does this by pressing a pedal.

Whenever the staff is used for vocal actions without the trombone, the staff then indicates approximate pitch: upper section represents high pitches and lover section represents low pitches.

Occasionally, when the performer plays actual pitches that are not exactly notated, a bass clef may be placed out to give a sense of orientation.

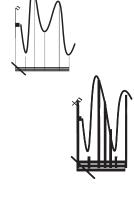
Trombone - Playing techniques



The use of graphical lines is very common in this piece. The lines the indicates movements of slide or fluctuation in airflow. When there are two note heads it is usually the one that is connected with action that is showing the slide position. The lines also show intensity and an approximate time line that the player can relate

to.

There are occasionally straight lines that follow notes. These lines symbolize a continuation of the technique for some amount of time. The length of the line gives some suggestions as to how long the actions are to be continued.



Empty Diamond note heads - The diamond itself indicates the timbre will have a squeak/high pitch element. When combined with square, the lips are almost sealed when air is blown through the lips, creating a high-pitched squeaking sound. Only sound of the squeezed pitch. The square shows the position of the slide, and the diamond note illustrates the squeezed pitch.

The double note head with the diamond and the crossed note heads means to add more air sound to the squeaking timbre.

Arrow down note head - inhaled action.

only slide

Beam note head - Only slide movements. This technique is basic, but often violent movements with the slide. It often corresponds with the slide microphone, but also without it. It also occurs with violent screams through the instrument while violently moving the slide.



either through instrument or without. When alone, it is performed as inhaled air through the instrument. When combined with other techniques all technique is performed inhaled.

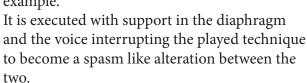
In this example combined with the squeak note head, indicates that a high pitched timbre should appear when inhaling through instrument.



Slim crossed note head - exhaled action, either through instrument or without. When alone, performed as exhaled air through the instrument. When combined with other techniques, the crossed note head tells the player that some air sound should be present in the timbre



Diaphragm attacks are produced with the diaphragm and often used in combination with a fast alternations between voice and other technique such as regular pitch as in the example.





Exhaled air around mouthpiece - vary angle and distance to the mouthpiece. From inside mouth to almost so far away so that the air doesn't reach the mouthpiece.







Physically shake instrument to affect the resulting sound and timbre. Usually followed by a line illustrating the motion.



Press down F-valve - the valve is open throughout the piece. F.v. only applies to where it is written otherwise it is ord. Sometimes it is written out to make it more clear. If nothing is written it is ord. by default. A slashed note head also indicated that the sound is coming through the f-valve.



shake instr.

Rounded note heads - Indicates slap tongue. The percussive gestures are more important than any pitch projection. However higher or lower slap tongue should be noticed within gestures.



Square note heads - indicates obstruction. Usually tied with other techniques or coming from other techniques what is happening is to be completely obstructed by a exaggerated strain of the embouchure hinder most sound. When combined, it represents squeezing and pressure/strain of the lips to hinder air. Second example the pressed lips result in a soft, high pitched squeak.



Dotted note head - Indicates sung voice and is often done through the instrument or combined with playing. The second example shows inhaled voice - shown with the triangle on the stem.



Squares above notes indicates that strain is to be added to the technique with slight obstruction in the embouchure. The triangle shows inhaled obstructed air and the crossed note head shows an obstructed exhaled note.

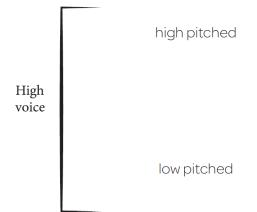


Overpressure with lips top produce a very grainy kind of pitch bordering between a multiphonics and a very noisy single pitch.



Quasi spuccato - Air is suddenly stopped by the tongue slamming into the opening with a "f-t" kind of formation of the mouth while completely obstructing the airflow. The offset of the note is a release of that built up pressure. Voice

Staff



The staff gives an approximate orientation in high and low pitch. These indications are relative and a guideline for the performer. Whenever pitches in extreme register are required, they are notated with an arrow down or up following extended from the notated note or technique.

Physical actions

The piece contains physical actions that in their notation do not provide any indications of a sonic result. The performer is to execute the actions without any consideration for the audible result.



Beam note heads are always associated with different kinds of actions, both sound producing actions and actions that focus on purely the physical accomplishment. They are in the piece used as movements, touching of the microphone, speech, violent waving of hands to fan air at the front microphone, hits and tapping on the chest, diaphragm and neck.



Effort/strain square - whenever present, it indicates exaggerated effort and strain should be used. In the second example the "strain square" is applied to the open mouth technique meaning that the action is being exaggerated and never adapted to the singing or vocal action - with the strain square all other purely sounding actions are to be executed to "ones best ability" despite the physical action but never adapted to it or because of it.



Eye motions - These notations indicate eye movements. They are usually tied to other actions or sonic elements. A fast eye movement is written out with a steam. The stem indicates how long the movement is lasting. In longer sections, a line indicates the duration. There is no facial expression associated with the movements. They are purely meant for the direction of the gaze of the performer. When no indication exists, the eyes are freely moved. There are 4 kinds of notated motions:

- 1. Look right
- 2. Look left
- 3. Close eyes
- 4. Stare straight forward





Mouth actions - The open mouth indicates the mouth is opened as wide as possible. When combined with the filled in square (Effort/strain square), it is to be opened to the point where the head almost starts trembling due to the effort. The slightly more closed mouth is used in combination with the wide open mouth to illustrate flexing of the mouth/jaw. A tense energy is to be maintained even when the mouth is only half opened, and indicated with these signs. This action will affect sounds produced because of the mouth. It is most commonly combined with a "silent scream" on the vowel "A".



Rub mic to produce noise - This is usually done to the neck mic with the hand, but also occurs with the front microphone. In more intense passages, the performer is asked to rub the arms against both the back and front mics, as if desperately trying to rub away something from the body.



Fan air at front mic - Sweep violently with your open palm to produce a wind gust that affects the front microphone.



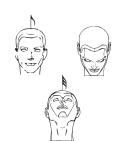
Turning of head - Illustrates the turning of the head sideways while looking up to affect the neck microphone. Always combined with the head looking up.



Lunge contraction - Suddenly and violently bend over the upper body to force air out of the lungs.



Bounce in place - Bounce with your whole body to produce interruptions in the airflow. This is also more closely illustrated with the live video feed.



Head movements - The illustrations show the position of the head, while the beams above show the speed and intensity in which the movement is performed. They do not indicate duration, which is instead shown by a line following the head. When no line appears, the indicated position is valid until a new indication appears. The looking up position is often used as a way of affecting the neck microphone by it being squeezed by the movement and contraction of the back of the neck.

Vocal techniques



Inhales and exhales - if nothing else indicated, they are done through the mouth. It is often combined with a letter that is to be pronounced during the action.



Triangle note heads - are used as an interrupted beginning of a sound or vowel. In this example, they are combined with hitting the diaphragm. After only air sounds, the voice is activated slightly on the "O" vowel. When they occur without the tapping of the diaphragm, they are half pronounced beginning of words, as if every word is torn off or stuttering.



Hold - Contrary to "still" there is no relaxation here and no breathing. The performer stops the action, but holds the tension and their breath.



Written out pitches - All pitches in the piece are relative. When an exact pitch is written out, it is not necessary to sing the exact pitch, but in the register of that pitch. This also requires the performer to approach the pitch in a more traditional manner in terms of voice technique and preparation.



Closed lips - Lips are strained and closed, affecting the airflow. Mostly combined with inhales, where lips buzz, vibrate and produce a smacking sound because of the air forced through them.



Double note heads - Indicates that there is a free alternation between the two notated techniques. The diamond note head indicates high pitched squeals, which are to be alternated with an airy kind of voice. The arrow down on steam indicates that the action is performed inhaled.



Exhaled/Inhaled voice - Voice is added to the action, but the voice is not controlled in the same accuracy as when sung, but is more controlled and affected by the airflow itself. When a filled square (Effort/strain square) is added, the voice is more pressed.



Disturbed voice - If nothing else indicated, this is done with a slightly strained and airy voice. The note head however indicates the voice is disturbed or strained in some manner, and usually combined with a written instruction on how. The arrow down on the steam indicates it is done while inhaling.



Inhaled whistled voice - As before, the dotted note head means voice usage, while the arrow down on the steam indicates it is performed inhaled. The filled in diamond note asks the performer to add a high whistle with the lips while performing the other actions.



Sing inside mouth - The mouth is kept closed, and the performer pronouncing a "V" without opening the mouth, which limits the duration of the action. The cheeks may be inflated due to this. When this happens, air may escape through the lips.



Gargle - The Z on the steam of the note indicates that the performer is to gargle while singing a pitch.



Low ord. sung note - A normal note head indicates an ordinary sung note is to be performed. The extended arrow downwards indicates the note is in the extreme lower register. The line extended upwards indicates the extreme high register.



Whistle - Exhaled low voice with high pitched whistle.



Unmeasured passages - even if there piece in general is unmeasured and senza tempo these sections are completely detached from the overall timing and it is up to the performer to decide their length and execution with some consideration for practical factors such as sync with other instruments before after or during if such actions are asked for.

no action the tints that glow, but tell of days in goodness spent, pients

Niente - Sometimes niente is indicated as a form of dynamic under spoken text or action. This means that the performer is to read the text in ones mind only, without translating the mental action into a real physical action. In the example above, the performer is to read this text silently, as if it was performed for others to hear and see, even if no visible or audible action occurs. This is also emphasized with the instruction "no action".

Percussion

Instruments (In order of appearance)

Table - a wooden table which is not too large or heavy, preferably with wooden legs. Large 32" timpani - along with a cloth which are able to mute the skin.

Wine glass half filled with water

A light cup - I used an enamelled metal cup. It is used to cover and open the mouth while whistling.

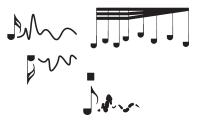
Claves

Snare drum

Two wooden hammers - the heavier the better

Sticks & Clubs
2 Superballs
Wooden drum sticks
Medium hard cleaning brushes

Percussion - Playing techniques



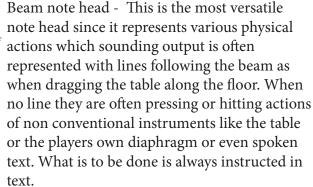
Rounded note heads - Always indicates some kind of rubbing motion. Werther it's on the table or on the skin of a drum. Superball actions are also notated with this note head.





notated with this note head.

Bounce in place - Bounce with your whole body to produce interruptions in the airflow. This is also more closely illustrated with the live video feed.





w. body

Press / Release - Done on the table by pressing hard into the surface with the whole body weight and releasing - repeat for the duration of the line.



Slashed note head - indicates an impurity in pitch or damped. It occurs when the timpani is damped with a cloth.

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air (breath)



Air/ Breath - inhaled and exhaled where the crossed note head is exhaled and the triangle is inhaled.



Whistle - filled in diamond note head indicates a whistle. Always combined with a cop making a trill over the mouth opening and closing the whistle.





Dotted note head - Indicates sung voice. This is often combined with hitting the diaphragm to affect the resulting voice rhythmically. This is a reflection from what happens in the voice part on a regular basis. The hitting action itself should also be audible.







Circular motion - occurs in combination with various instruments. The first example shows the two ways it is used on a crystal wine glass with water played with a damp finger on the rim. The square indicates that the sound produced is cracked due to increasing pressure on the glass rim with the finger.

The second occurs with cleaning brushes on the Snare drum and timpani. The last one occurs on page 26 and is done with the stick end of the super ball which is rubbed on the snare drum to produce friction and occasionally a clear pitch which is indicate wit a diamond note head.

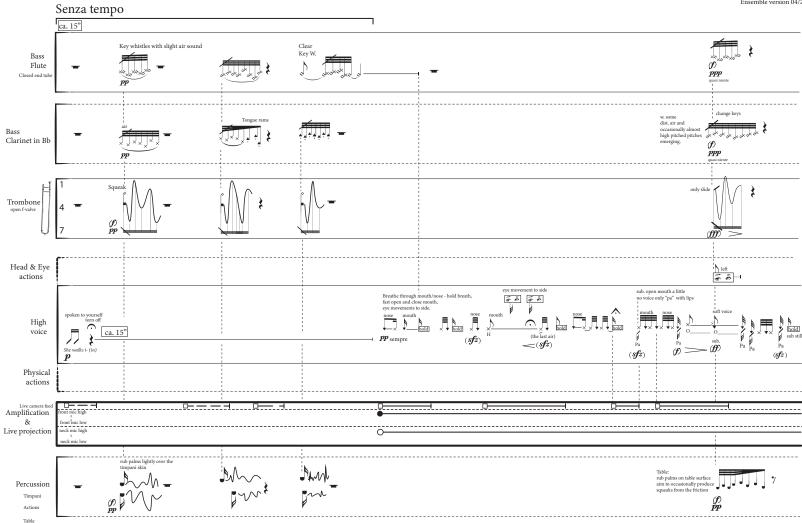


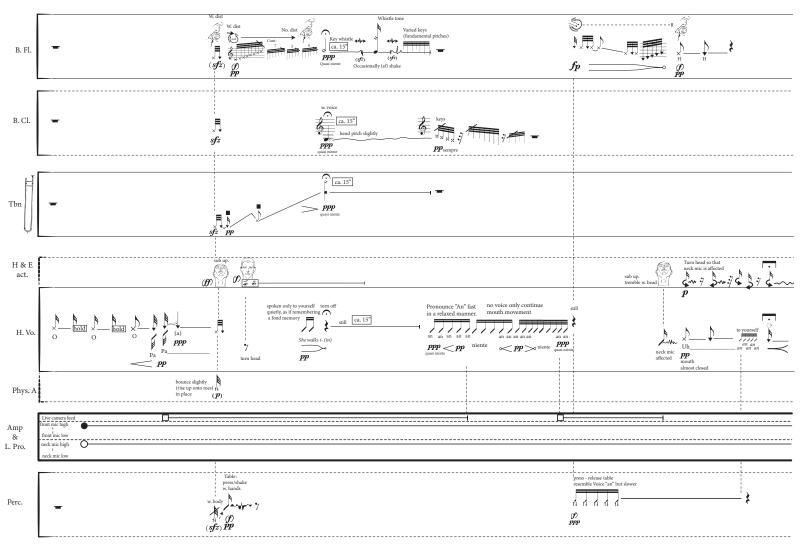
Backed out - page 30 contains a section where the hall is to be blacked out.

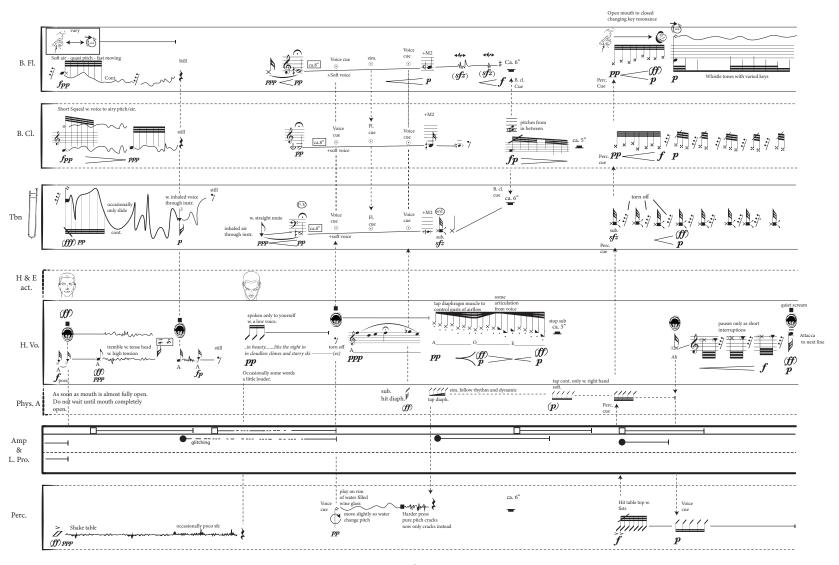
Voice is completely separated from the other parts and not synced.

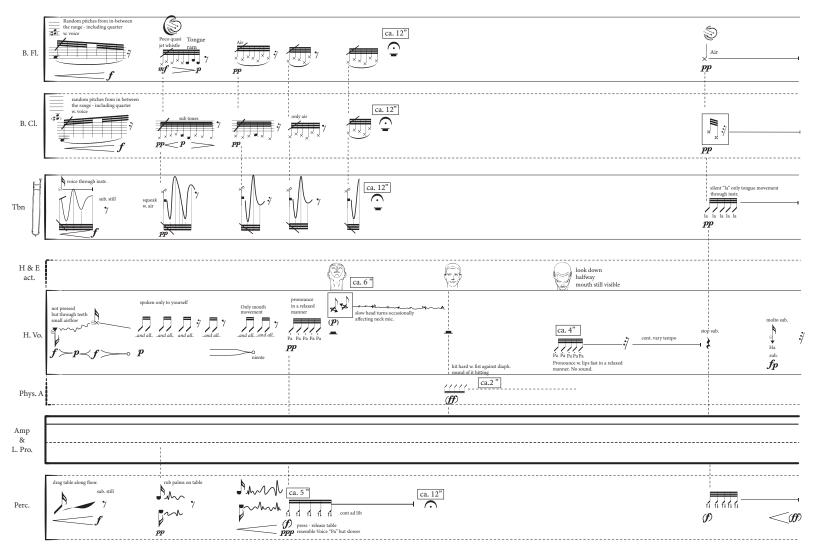
Percussion has a leading part in organizing the other instruments with 6 cues during this black out. The black boxes indicates suggestions on performance and are more open and free than prior material have been.

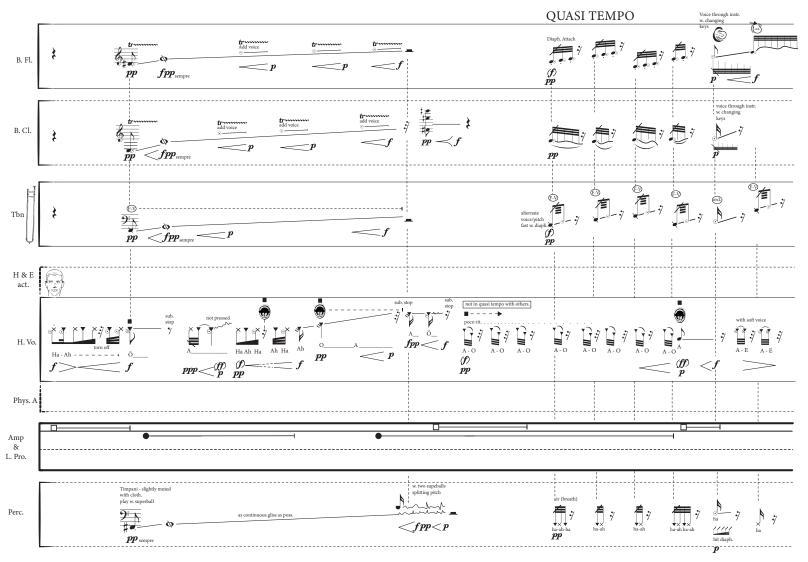
The blackout is symbolized by the inverted colours in the active roles of the ensemble while the other instruments only reacts to these and are therefore written in a common manner.

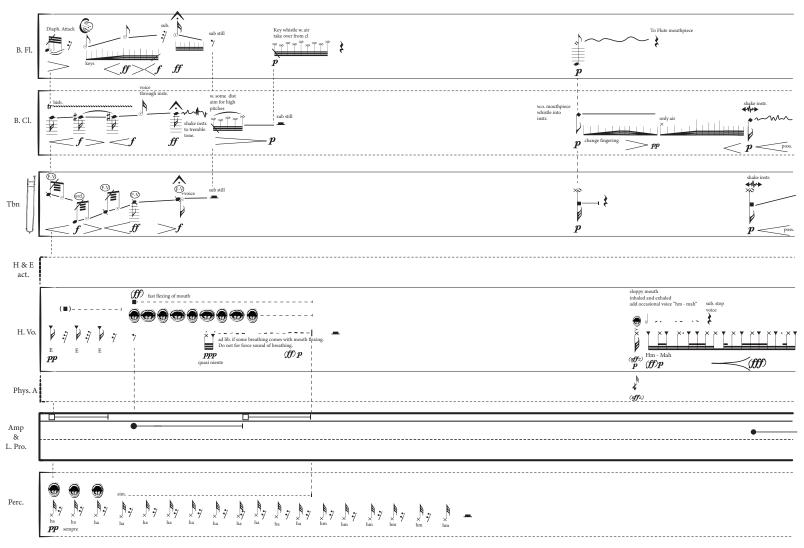


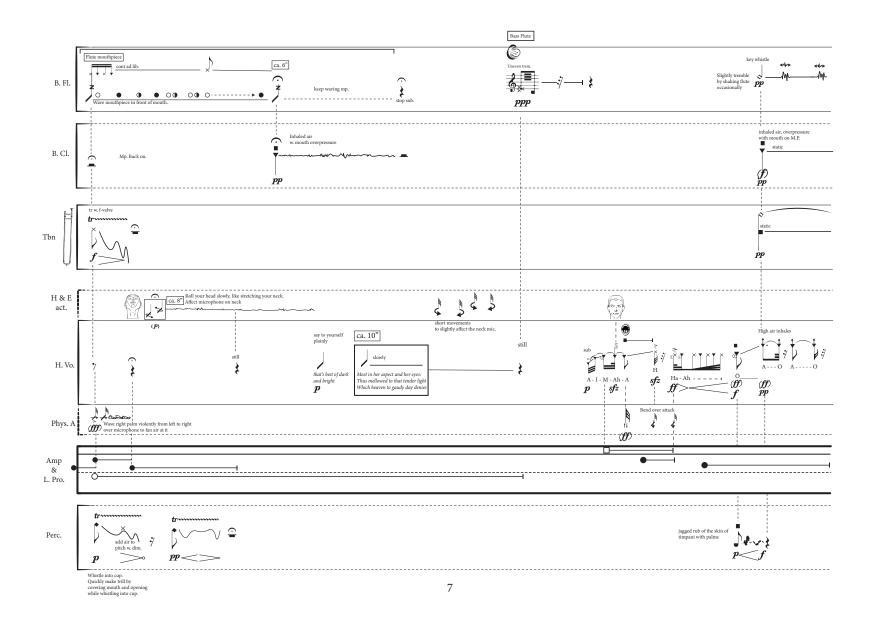


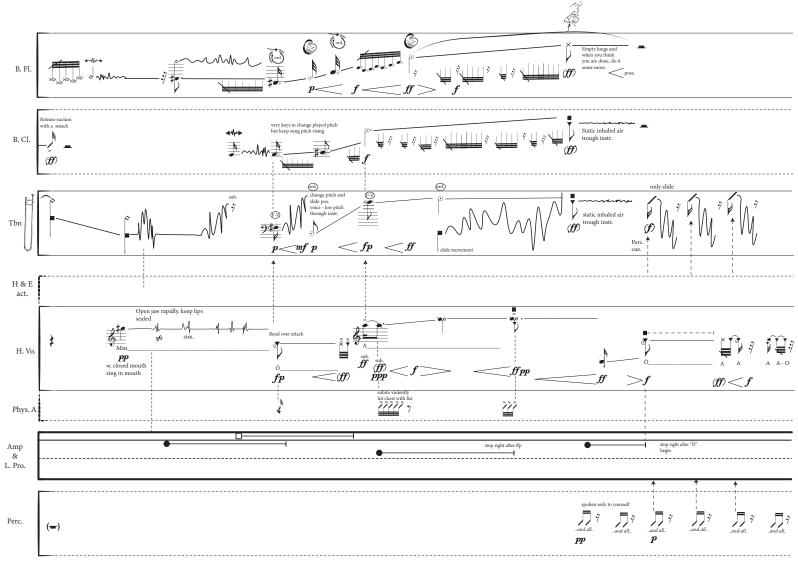


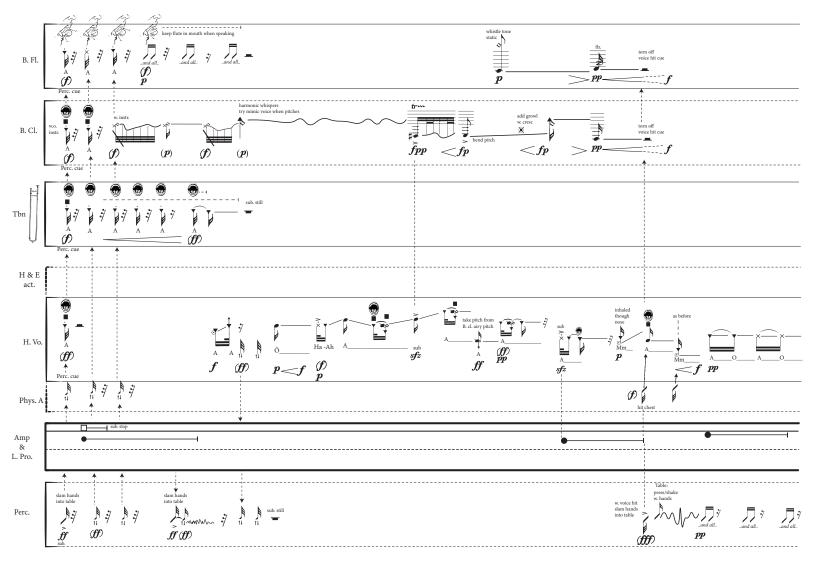












QUASI TEMPO

