BACHELOR THESIS REPORT Year 2010

CHRISTOPH GISEL

NOISE POD
THE NEED FOR URBAN NOISE

Interior Architecture & Furniture Design
Konstfack, University College of Arts Crafts and Design
Stockholm, Sweden
This project is about the thought that urban noise is more needed than we may think.

A lot of people can be really disturbed and upset about a noisy environment surrounding them. I want to show with this noise pod, a space where you can sit/lay while listening to everyday urban noise compositions, that noise can be really relaxing and enjoyable.

Relaxation does not only come from the right choice of noise at the right time it also depends on the environment that you enjoy the soundscape in.

This pod - a small capsule of space - is a place to sit by yourself, choose a noise composition and listen to it reflectivity. Completely insulated from the surrounding noise world, you will be able to enjoy the noise which is supported with an interactive light installation. Escape from the noise you are disturbed by, through listening to noise you like.
In this report you will find the following content:

Foreword on page 2

Introduction on pages 4-6

Background on pages 7-8

The need on pages 9-10

The problem on pages 11-12

Method & concept on pages 13-58

The building result on pages 59-79

The Noise Pod sound library on pages 80-86

Noise Pod facts on pages 87-93

Talks and Reflections on pages 94-97

References and Bibliography on pages 98-104
Introduction
Can Noise be an image of a big city? Do people even want to live in a noisy environment? And why do people travel to noisy places?

“Berliners are unfriendly and thoughtless, gruff and self-righteous. Berlin is disgusting, loud, dirty and grey. Everywhere you go there are construction-sites and traffic jams – but I feel sorry for anybody who can’t live here.” Anneliese Bödecker, German philanthropist

In a recently released study by the consulting firm Mercer Human Resource Consulting quality of life, Berlin occupied place 16 of 215 cities. Other cities like Paris (33), Tokyo (35), London (39) and New York (48) ranked well behind it. The city with the highest quality of life worldwide; according to the study, is Zurich followed by Geneva. Third place was shared between Vienna and Vancouver. Quality of life was assessed according to 39 criteria. These included political, economic and social factors. Environmental factors, personal safety, health, education, transport as well as other public services were considered.
Of course
Noise has become a permanent part of our lives, especially in a big city like Berlin. The various uses in a city in a confined space such as housing, employment and transport, almost inevitably lead to disputes over the reasonableness or unreasonableness of noise.

But how did Berlin still get such a high ranking? Maybe there is more to enjoy in an urban area than silence. The transport network is modern and well developed. You always have a choice of inexpensive, and exclusive housing. Parks and other close nature facilities can give you the relaxing time you need to be able to live in an urban environment.

New York has it, Paris has it, but not like that of Berlin - a dazzling nightlife that leaves no wish unfulfilled. In Berlin the party starts late at night but goes on into the early morning. Clubs, discos and dance spots are in constant motion all night long. New music trends emerge from this action enabling the constant reinvention of noise and the party’s response to it.

Other Noise sources in urban cities are usually not being perceived as disturbing. For example, an appropriate noise signal: From the school bell to the car horn or tram bell to fire alarm, these noises are essential.
Background
Background

The idea
for this project comes from my personal interest in urban life. Living in cities for me means: Living with urban noise! I realised in the past that a lot of people are disturbed by city noise. This is a reaction I could never understand. Different kinds of sounds always gave me a feeling of safety. In a way: With noise, comes people and I feel safe when people are around. Population and noise are the best precondition to living in a big city. Because of this I would like to express to others that noise is good for us in many different ways.
The Need
The Need

This should be
a relaxing, secluded room for people who want to escape from “real” life for a moment.
I want to use the positive side effects of noise; to make it accessible for contemplation.
With the addition of a basic light installation I want to add the visible effects and conditions of noise which have been taken away through the medium of recording.

Just imagine you can beam yourself to the place you want to be right in this moment....... Sao Paolo? Madrid? Do you miss your job when you are on vacation?

A typical habit of people is that they want to have what they cannot get. To be in distant places that cannot be accessed in the moment. My pod can be an easy way to get to where you want to be without leaving your present place. The “noise pod” is a tool waiting around the corner for you to play with your imagination and memories.

Sometimes it is easier to see with your ears then with your eyes.
The problem
The Problem

The Questions are

How to organise my project and keep track of my undertakings?

What kind of noise should be recorded into the noise pod archive and be made accessible in the pod?

Which cities are interesting and are in my personal repertoire of possibilities?

How should the human body interact with the inside and outside of the pod?

Should there be different possibilities inside the pod for how you can sit, stand or lay?

How can noise and room be combined without making it too obvious to guess what the pod is about and at the same time being interesting enough to get people inside?
The method and concept
The method and concept

By answering the questions in the chapter *The problem*, different methods for inspiring and deciding design and noise issues and solutions can be achieved.
How to organise the projects time planing and remember what has been done?

To be able to organise the process of this project I started a blog about my daily work. On this blog there are comments, pictures, links and information about this project from different points of views: 1. daily work diary, 2. daily inspiration link, 3. daily noise pod picture.

The blog helped me to review decisions made in the process and understand my own thought processes and practices.

It has been a big help in organizing the structure of the projects time planing.

The blog is accessible over my own homepage: www.nelph.com under the point noise pod bachelor thesis or over the direct address on blogger.com

http://www.nelph.com/noisepod.html
http://noisepod.blogspot.com/
The blog

The method and concept
What kind of noise should be recorded in to the noise pod archive and be able to be played?

I asked my urban friends in different locations / cities to answer the question:
What urban noise / city sound do you like?
Gives you a good feeling?

Here the answers...

Ich würde
mal sagen der wummernde dumpfe entfernte bass eines Berliner open Airs im Sommer...

I guess
i might like the sound of my bicycle the most - it just makes me feel happy.

I love
the sound of the Metro, sounds of people yelling at each other on the street, the sound of cars accelerating, I also love when you accidently hear a bird singin...

The noise
of U1 driven past when i´m in a good mood

Fahrende Fähre,
das Wummern vor dem Club, türkische Gesänge aus dem Shisha Café, klackern von High Heels, knurpsen von Bierscherbe wenn man drauftritt, Flüche unseres Hausmeisters, das rascheln der 1000 Euro Scheine, wenn ich meine Millionen zähle.
First and foremost:
all sorts of subway sounds...

the general squeeking and rumbling. it’s nice to hear while driving through the curved tunnels.

the swelling noise from an approaching train inside the dark tunnel that you hear, standing on the platform.

it’s particularly good hearing it off the elevated rails from afar, from like a block away.
or from atop with a train rattling up there somewhere over your head...

i also like the doodling sirens and the steamy sound of air pressure operated doors on subway cars shutting...

the echoing footsteps of the lots of people on the steep stairsets descending into metro stations, or precinct underpasses.

second thing would be the doppler effects of the police cars and ambulances speeding through the city, getting to places and persons that are at once close by your life

and in most cases entirely removed from it at the very same time...

stuff like that basically... cant tell you why stuff like that feels good to me though.

My favorite
Urban noise are the birds in the city, specifically the crows and seagulls. They somehow soothe me when I’m walking around town, but at the same time I’ve always envied their point of view of the city. I wish I could see what they see and when I hear them I almost feel that I can.

A thunderstorm
, although i guess that doesn’t count as urban noise so i will choose distant traffic.
The sounds
of the city in the heavy rain, the cars running fast through the puddles, the sound of the rain drops on the umbrellas, the steps...

the sound of the ice cream seller in liverpool and of the “sharpener” -who sharps the scissors and the knives- in valencia

the sound of confusion in the street markets

the mute noise of the traffic city and the engine on the bus -just if I’m sat by the window

the sound of the wind, traffic, the missed conversations while I’m riding my bike in the way to uni

when snows -where snows-, the snow seems to steal the sounds of the city, and there is a special quiteness that I love and miss!

in the sunny windy spring days, resting in a park, the sound of the tree branches moving, with the distant traffic and the sun stroking in my face

I guess
for me there are 2 types of noises I particularly like and each time, it’s a combination of sounds heard in a particular place. Then, I also like some urban noises but heard in some conditions.

The two noisy places I like :
A train station : all signals of the departures or arrivals of the trains in the station : alarm whistles, message announcements, excitement of the crowd...it’s the sound of the travel, for me and also vacation most of the time ! Better in a train station than in airport for me : it’s more lively, human, spontaneous...
A cozy coffee bar or restaurant, typically in a french café: the hubbub of other people’s conversations, the chinking between glasses, the jingling or fourks and knifes in a plate while eating, the jokes and the “show” of the waiter...of course it has to be not too noisy: you still can talk to each other, envoying your meal or coffee but you feel part of a place and a bunch of people...so it also work when you’re alone (if you work or something), you have your own space but you feel also not too alone...it’s very lively and kind of stimulating...

Other urban sounds I appreciate:
The sound of the subway entering the platform, it’s more linked to the idea of speedth, modernity and technology...but only this particular sound because after that, when the doors’train open, it’s most of the time too crowded and noisy and people are careless: listening their own music and talking too loudly...

It’s also the noises I hear from my window, when I open it: so it’s a mix of all the noises of the street: cars, traffic-jam, people’s voices passing by and sometimes birds’chirping...while I’m feeling quiet and safe at home, it reminds me that any time if I want some action or something, I just have to go downstairs on the street...it’s a little bit like the quintessence of the city: the liberty, all the possibilities that it offers: all the places to go, people to meet and see, so it’s always lively, different, stimulating...and still, I have my own peaceful place whenever I want.

So, for me, I think the noises I like are mainly « expérientiel » - linked to the emotions and sensations of the experience: it’s connected to the pleasure I have to be in such places (train station and café) representing travel & sharing while talking/eating/drinking and the sensation of feeling the city (places and people), always alive, challenging and inviting but not too intrusive...

The times
when everything goes really quiet, just for a moment, before another car comes along or a siren starts wailing controversial but the cathedral bells as long as I am not too close, they remind me of home
Hmm i guess
the sound of a road like cars and traffic light signals, but from someones
apartment/balcony. You know when it
feel like you are elevated, and the noise is below you. Ringvägen right
before Vitabergsparken from an apartment on top floor my ideal noise
place :)

Det hjärtslagliknande
ljuset av ett tåg, när rälsens avslut “tillverkar” ett ljud.. Det gillar jag.
Kan lätt somna till det, men jag tror att det är ganska naturligt. Påmin-
ner väl om när man hörde mammas hjärtljud innan man föddes gissar
jag...

Das Pfeifen
der Vögel oder das Läuten der Kirchenglocken!

The sound
of my neighbours having grill partys on their balcony. feels nice to have
dinamic people around me.

Well, I like
construction sites. The sound of cranes moving through the air with
some kind of heavy metal attached to them. It’s as if something flies right
past your ear.

Approaching trains, S-Bahns and U-Bahns. Only from a distance though.

I also like the sound of elevators. The high-speed ones, when you get in
at ground level and have a speed-travel up to the 30th floor.

I actually think they all sound very similar. It’s all the same kind of
sound. It’s about speed, but also about distance. You’re not the one
moving fast, but the one standing still and listening...

But still they are all very different in a way. London doesn’t sound like
Paris and Paris not like Berlin. Berlin is different from New York and
they all are from Sao Paolo. And this is great too...
Tourists! you hate them and love them. good to know to live in a interesting city!

Seagulls in Liverpool (urban because they come for the waste from the pubs – and of course because Liverpool is by the sea...)

rustling of leaves (there are many cities that are that grey ad concretely that the rustling of leaves is sth very rare)

wind carrying the sound of church bells through city centre roads

I love it when between car and car motor I manage to hear some bird tweet.

Crashing the ice layer on the puddles with the bike.
Noisy children playing on the park (although lately is an rare phenomenon :s)
I agree with street markets.
Identifying my neighbours for the pace of their walking on the stairs.
The wind whistling through the closed window in very windy days. And the drops falling on

The sound in busy coffeshop of course :)
The sound of a train gives me a good feeling.

In istanbul i love listening to seagulls and ferry sounds. You can hear these sounds from many parts of the city since the bosphorus separates it into two sides

I like all the sounds of the city as long as they are not disturbed by cars and traffic sound. That’s why the best moment in the city is the Sunday morning. I don’t understand why our contemporary society accepts the killing dominance of the traffic, in everything, sound, view, smelling,
accesibility, ... . I love the sound of a bird in the city because it is exceptional, there are bird but it is if they don’t sing, or the sound of happy children who are playing, something difficult to find nowadays. I suppose everything that has a human sound. Silence, clinking of cups of coffee, people speaking and laughing. I suppose that is why many people like the Historical Centres in a city, or the parks, or the riversides. Places where the dominance of the traffic noise is not that much.

I like all the sounds of the city as long as they are not disturbed by cars and traffic sound. That’s why the best moment in the city is the Sunday morning. I don’t understand why our contemporary society accepts the killing dominance of the traffic, in everything, sound, view, smelling, accesibility, ... . I love the sound of a bird in the city because it is exceptional, there are bird but it is if they don’t sing, or the sound of happy children who are playing, something difficult to find nowadays. I suppose everything that has a human sound. Silence, clinking of cups of coffee, people speaking and laughing.

I suppose that is why many people like the Historical Centres in a city, or the parks, or the riversides. Places where the dominance of the traffic noise is not that much.

Well, I love when it’s raining and outside my university there are some roofs made in tinplate...overthere you can listen an amazing melody of the water mixed with that material!!!. and also when I love when i’m near the central train station I can always hear the sound of a train that is going away and a dog that is barking to someone.

STEPS: in the “Holy Week Processions”, at Easter during a General Strike -some years ago there was one, and there wasn’t any traffic, the sound of the steps capture my attention.
my own steps when I arrive home late at night

a girl with high heels

BELLS: Not only from the churches but as well the glockenspiels of the municipal buildings, amazing in Holland!

The SIRENS of the boats just after 12am on New Year’s Eve.

The SOUTHERN WIND in the street behind calle Cervantes, in Santander, Spain. My bedroom during my childhood looked to that street and when the wind from the south blew, it made a “canyon effect” and it snorted, I could hear as well the windows and the doors slamming.

The sound made by the men who used to clean the shoes in the streets and bars, the sound of their hand hitting the surface in order to apply the shoe cream and the sound of the brush through the leather surface. I used to go with my grandfather to the shoe-shine man at the entrance of the tunnel, and I remembered that feeling during my trip to Bolivia, but still in Madrid and Barcelona you can find them.

The sound of the DOMINO at the bars

The effect of the snow, that absorbs the noises

An anecdote: 20 years ago I spent a couple of months in Barcelona and I rented an apartment in a wide avenue, the traffic was very loud. One night, I was almost sleeping when suddenly I woke up startled thinking that the world had stopped and that the trumpets of the Apocalypses would started to sound... This momentary silence was just caused by the coincidence of various traffic lights...
The sound of a coffee machine making an espresso; the low rumble of people’s voices in a cafe; the sound of a helicopter flying overhead; the sound of traffic and cars... to know your in a city and a place full of life. The absence of this (ie. living in telefonplan) makes it really noticeable when you go back to living in a city and the noise of people’s happening’s make you feel alive and part of a city’s essence. That there are things happening around you that you are also part of.
Which cities are interesting and are in my personal repertoire of possibilities?

Zürich, Switzerland
is the town I grew up in. It has all the possibilities a modern city needs. It is just a bit smaller than the other cities I will use.

Berlin, Germany
is my second hometown. In Berlin I learned everything I know about living in a world metropolis.

Stockholm, Sweden
is my third hometown. In this city I conceived the idea for this project and evolved it processes toward tangibility.

New York, USA
Is my next probable hometown. With its globally cultivated culture its multi dimensional presence is large enough to represent the rest of the world's large cities.
Zürich, Switzerland

Facts:
Population 380’499
Density 4’141 /km² (10’726 /sq mi)
Area 91.88 km² (35.48 sq mi)
Berlin, Germany

Facts:
Population  3’431’700
Density     3’848 /km² (9’966.2 /sq mi)
Area        891.82 km² (344.3 sq mi)
Stockholm, Sweden

Facts:
- Population: 829,417
- Density: 4,411.8 /km² (11,426.5 /sq mi)
- Area: 188 km² (72.6 sq mi)
New York, USA

Facts:
Population  8’363’710
Density     10’606 /km² (27’440 /sq mi)
Area        1’214.4 km² (468.9 sq mi)
How should the human body interact with the inside and outside of the pod?

To capture its creative potential I wrote a noise pod manifesto which was used to form the shape of the noise pod. It contains the feelings and thoughts I want to include in the pod.

**Noise Pod Manifesto**

1. making movement visible.
2. where does the sound come from.
3. what direction does the noise have.
4. noise interacting with light.
5. the pod looking soft.
6. the shape showing dimension.
7. hard looking shape and surface.
8. different position choosable.
9. using city like material.
10. giving the possibility for tranquillity.
11. peace with yourself and others.
12. making loneliness becoming something positive.
Giving the noise pod a specific shape
By choosing inspirational pictures from the world wide web I was able to give the words in the manifesto a personal picture.

The shapes and lines in the pictures where used to get a 2D / 3D shape of the meanings. This process is illustrated on the following pages. The lines and shapes of each image determined the form of each abstract model. These where rather 2 Dimensional and not spatially usefull. By combining photographs at two different angle I was able to evolve the process of shaping the physical form of the pod. Those new pictures presented new shapes and bodies which could be used to find the perfect shape for the noise pod.

In an effort to combine the shape of the city noise with the form of the pod I considered my own ergonomic position within each soundscape during each recording increment.
Visualisation of the Noise Pod Manifesto

movement

sound

light

direction
The method and concept

soft

dimension

hard

position
material

tranquillity

peace

loneliness
Making the pictures 3 Dimensional

movement

sound

light

direction
The method and concept
2D / 3D studies of the most suitable shapes

movement
loneliness

The method and concept
Should there be different possibilities inside the pod for how you can sit, stand or lay?

The interior organization of the pod has become the most important activator of experience for the visitor. Applying the same experienced bodily positions to the inside of the pod encourages the transience of each recording. In this way a connection between the noise and the environment of the urban areas I visited during this project becomes perceptible.

The first step was analyzing the noise-positions from my first stop: Berlin. The following pictures show in a simple way the different positions my body was in when I experienced and recorded each noise source.

The question always was “Where are the noise sources coming from?” and “What position was I in in relationship to the source?”
The Berlin noise positions

Sitting - café - noise from the left side
Standing, walking - tram
noise around and passing by
**Standing - alex subway exit**
on square and right down

**Sitting - alex tv tower**
on square and all around
Walking, standing - river walk  
under, over and beside

Sitting & leaning, standing - subway  
in front, under, around
Standing, waiting - in subway station
low around, high from tunnels

Walking - around a corner
behind, mostly from around
The outcome
out of these different studies a lot of different shapes, ideas and plausibilities arose. The idea of morphing different shapes together came up quite naturally. The first outcomes of that 3D modelling morphing activity was only the beginning. Meetings with my teachers gave me good ideas how to perfectionise the inside shape of the pod. It is exactly the outcome I was looking for. The question of how to build the pod was less important than the overall design as I am capable of building anything that I may draw on the computer.

The more concrete thought about the used material and how the pod should interact with the users/guests is now a more important question.

The outside: city like, cold, grey and rough but still showing the positive sides of living in a city by using soft material on the outside which doesn’t hide the advanced shaping of the pod. This material also would insulate the pod from disturbing surrounding noise.

The inside: An invitingly warm interior feeling shall activate the visitors sensory susceptibility. With the use of a soft and inviting fur material.
The morphing was used in the way of setting up and trying out different combinations and positions.
A lot of different shapes and forms came out of my sculpturing exercises with a 3D modeling tool.
The final shape is the outcome of morphing and adapting the 3D shapes of the manifestos movement and loneliness. It will lead the people through a revolving door in the entry corner of the pod. Once inside there is the possibility to: lean, sit, relax and lay down.
Side one
entry through the corner door.

Side two and three
able to stand, lean, sit and lay down.
The final shape showing in this picture is only the basic shape of the inside space. The question about how to build and which materials and expressions will be used will follow in the upcoming chapters.
How can noise and room be combined without making it too obvious to guess what the pod is about and at the same time being interesting enough to get people inside?

The outside: city-like, cold, grey and rough but still showing the positive sides of living in a city by using soft material on the outside which does not “hide” the complex shape of the pod. This material also would insulate the pod from disturbing surrounding noise.

The inside: should feel warm and inviting to the visitor. This by using a soft and familiar material. At the same time it also should represent the urbanity of a city.
The building result
Building the pod became possible through drawings and precious prede-termination of the individual assembly pieces of the pod. This enabled a quick construction process with no large problems.

Getting the material is the other task which includes taking into consideration delivery times, cars, e-mails to companies and then in the end getting it yourself at the nearby store.

The pieces are setup in the way that chipboards with 2x2 inch/4.5x4.5 cm lathes are building the main shape of the pod.

The insides smooth surface contrasts to that of the exteriors city like constructed surface.

Screws, cables, technique and constructional pieces are hidden by grey painted mineral wool. The mineral wool will also be covered with a tight net which makes the mineral wool stick together and stay in place.

On the inside the surfaces will need a final touch by adding white and grey paint on surfaces less important for the interaction of body and pod. On the important surfaces where you can take different positions there will be foam rubber covered with white fake fur.
**3D drawings**
are very usefull to understand the geometry of the complex shape.
The building result

Noise Pod
Drawing

object
pod parts
design
christoph gisel

tel 079 9650657
mail chisapj.com
http www.chisapj.com

scale 1 : 50
measure in cm
year 2010

Format DIN A3 / 210 x 297 mm
The method and concept

Noise Pod
Drawing

design: christoph gisel

object: pod parts exact drawings

scale: 1 : 25

measure:
in cm

year: 2010

format: DIN A3 / 210 x 297 mm

tel: 070 9550587
email: ch@nelph.com
http: www.nelph.com
The method and concept

2D drawings
how to set up the parts

Noise Pod
Drawing

Object
pod parts setup
design
christoph gisel
tel 070 9426787
mail ch@neilph.com
http www.neilph.com

scale 1 : 50
measure in cm
year 2010
format DIN A3 / 210 x 297 mm

measurment in cm
2D drawings
The material waiting to be processed
The drawings become reality
Get it in to pieces
It is taking shape
Bigger and bigger

The method and concept
Growing and growing
First time can imagine the size
The raw part is done

The building result
Where is the technique hidden?
The speakers and lights
Insulate the pod
Padding the inside with foam rubber and fur
Giving the outside the last finish by adding the net and sewing the edges and intersection
The noise pod sound library
The noise pod sound library

Some examples of different noise soundscapes

Subway
Doing laundry

Taking a walk
The tram is arriving

Nightlife is citylife
Roadtraffic

Iceskaters on a square
The noise choice interface is placed inside the pod where you are able to choose what kind of noise you would like to listen to. The interface is working with start and stop buttons and you choose with your finger on the touchscreen.

The interface:

**MAKE YOUR NOISE CHOICE AND ENJOY**

<table>
<thead>
<tr>
<th>SHOPPING</th>
<th>PUBLIC SPACES</th>
<th>RESTAURATION</th>
<th>TRAFFIC</th>
<th>TRANSPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>▶ GETTING MAKE-UP</td>
<td>▶ DRUMMER / RC CAR</td>
<td>▶ COCKTAIL BAR</td>
<td>▶ ALMOST HIT BY TRAM</td>
<td>▶ CENTRAL STATION</td>
</tr>
<tr>
<td>▶ HUNGRY FOR FOOD</td>
<td>▶ SITTING IN THE PARK</td>
<td>▶ JAZZ BAR</td>
<td>▶ TRUCK LEAVING</td>
<td>▶ ICEBREAKER FERRY</td>
</tr>
<tr>
<td>▶ GROCERY STORE</td>
<td>▶ BUSY HARBOUR</td>
<td>▶ HEAVY BREAKFAST</td>
<td>▶ ICE SCRAPING HURRY</td>
<td>▶ WAITING FOR TRAIN</td>
</tr>
<tr>
<td>▶ BEEP BEEP BEEP</td>
<td>▶ TO THE HIGH LINE</td>
<td>▶ OUTDOOR COFFEE</td>
<td>▶ ICE CREAM TRUCK</td>
<td>▶ LANDING AIRPLANE</td>
</tr>
<tr>
<td>▶ MARKET HALL</td>
<td>▶ AT THE HOSPITAL</td>
<td>▶ OUTDOOR BEARFAST</td>
<td>▶ CITY CENTER</td>
<td>▶ CAPTAIN SPEAKING</td>
</tr>
<tr>
<td>▶ HAGGLING PEOPLE</td>
<td>▶ AT THE ICEBAR</td>
<td>▶ PIANO GUY AT BAR</td>
<td>▶ SUNNY DAY ROAD</td>
<td>▶ BOARDING PLANE</td>
</tr>
<tr>
<td></td>
<td>▶ WAITING IN QUEUE</td>
<td>▶ INSIDE A NIGHT CLUB</td>
<td>▶ NIGHT TIME ROAD</td>
<td>▶ AIRPLANE SAFETY</td>
</tr>
<tr>
<td></td>
<td>▶ MUSICIANS</td>
<td>▶ OUTSIDE THE CLUB</td>
<td>▶ CALM ROAD</td>
<td>▶ SUBWAY RIDE</td>
</tr>
<tr>
<td></td>
<td>▶ SNOWY WALK</td>
<td>▶ CRAZY RESTAURANT</td>
<td>▶ BUSY ROAD TRAFFIC</td>
<td>▶ AWAITING SUBWAY</td>
</tr>
<tr>
<td></td>
<td>▶ DRINKING WATER</td>
<td>▶ PIZZA PLACE</td>
<td>▶</td>
<td>▶ TRAM RIDE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>▶ CLUB QUEUING</td>
<td>▶</td>
<td>▶ T-BANA PEOPLE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>▶ PANCAKE BREAKFAST</td>
<td>▶</td>
<td>▶ U-BANA RIDE</td>
</tr>
</tbody>
</table>

The noise pod sound library
The library includes:

public spaces, harbors, parks, train stations, airports, grocery stores, markets, coffee shops, bars, clubs, restaurants, ferries, road traffic and public transportations.

The filenames:

Berlin:


New York:

arlanda_1 / bar_1 / barneys / bb_bg / boat_1 / cafe_2 / central_park_2 / firetruck_1 / foodmarket / harbor_1 / harbor_2 / hiline_1 / hiline_2 / hospital_1 / hospital_2 / iceland_1 / iceland_2 / iceland_jfk_kef_1 / indian_lights_1 / jfk_1 / jfk_2 / kef / madison_square / mister_softee / park_1 / pizza / soho_1 / street_3 / subway_1 / subway_3 / subway_4 / webster_1.

Stockholm:

centralen_hole / djurfarjan_2 / djurfarjan_3 / frukost / grocery / icerink / sergelstorg / tåg_2 / tunnelbana_1

Zürich:

bar_1 / bar_zh_1 / hardbrugg / hive dine / hive usse / strasse_5 / tram_2 / vortrinke / wasser / zmorge
Noise pod facts
Noise pod facts

The pod
Noise pod facts

The pod
Noise pod facts

The pod
The pod
Noise pod facts

**Used Materials**

- Chipboard
- 2x2 Lathes
- Rock wool
- Latex paint
- Foam rubber
- Fake Fur
- Mosquito net
- Thread
Technical Solutions

**Amplifier**  
![Amplifier Image]

**2 Speakers**  
![Speaker Image]

**1 Subwoofer**  
![Subwoofer Image]

**Touchscreen**  
![Touchscreen Image]

**Screen**  
![Screen Image]

**Ventilation**  
![Ventilation Image]

**Light organ**  
![Light organ Image]

**Lightbulbs**  
![Lightbulbs Image]

Noise pod facts
Talks and Reflections
Talks

At the examination of this thesis project two main discussions came up. One about the look of the pod and one about the city noise.

How the pod looks like was interesting because people were thinking about where the pod can be placed and if the chosen materials are maintainable. We were talking about that in this shape the pod probably has to be placed somewhere half public. Owned by a company or a private person which can take care of the pod and maintain it so that it lasts for long time.

The other talk about the city noise was exactly what this project was all about. To wake the understanding about that noise is a part of a city life which we can not ignore but have to learn to live with. It should also be a part of our future professions as an interior architect. Not only the design, correctness and sustainability should be important. But also to think about how it should sound like in future apartments and houses.

Instead of insulate housings completely from the surrounding sound, we should maybe think about which noise can add something positive to future projects. Of course some of the city noise is not likable but it sure is nice to live in a apartment where you do not feel lonely and can hear what is happening around you.
Reflections about the outside of the pod is a big question to me right now. Under the final presentation of this project some people were wondering where the pod could be placed and if the chosen materials fit everywhere.

Here you can see some examples how it could look like in other places:

At the airport in bamboo
Outside in metal
References and Bibliography
Annotations of inspiring sources

Bibliography:

Svenska Ljudlandskap: Om hörseln, bullret och tystnaden
(Swedish Soundlandscape: About hearing, noise and silence)

Info:
Royal Swedish Academy of Music, Stockholm
Editor: Henrik Karlsson
Second Edition
Printed: Tabergs Tryckeri AB, Taberg 1996
© Kungl. Musikaliska Akademien and the authors 1995
ISBN 91-85428-93-0

Annotation:

Mikael Strömberg & Håkan Johnsson- the city’s sound
This part of the book was the most interesting part for my thesis. It is about the thought that every city has its own partitur of sound. Which means that each city has a very special soundscape or mixture of noise. Meaning that New York and Berlin are recognisable by their big noise blending.
In this book they write about the city of Gävle in Sweden. The author did a research of different places in Gävle by taking some particular notes: The plan of the site, a simple 3d view, the “notes” of the sound and the amplitude of noise over time.
Bibliography:

Kleinwagen · Small Cars · Petites Voitures

Info:
Taschen
Editor: Matthias Dietz
Printed: Printer, Trento
© Benedikt Taschen Verlag GmbH
ISBN 3-8228-8910-5

Annotation:

This book is an interesting overview of small cars of the last century. It is amazing to see that even in the old times they were thinking about saving resources and space by making cars very small and the interior space saving intelligent. The information of this book can absolutely inspire the way of the noise pod’s shape and interior could look like. The functionality and the thought of moving.
Filmography:

Modern Times

Info:
United Artists
Director: Charles Chaplin
Writer: Charles Chaplin, Paulette Goddard
Editor: Williard Nico
Released: February 5, 1936

Annotation:

The noisy environment we have nowadays would have been heaven for the guys working with Charlie Chaplin in the Steel Electric Co. Loud machines and loud working movements creating a really noise polluted space. Thinking about how it has been and how it is in these days, we can learn and see that there happened a lot of positive changes in the meaning of noise reduction in our every day environments. On the other hand there are some really nice sounds in this movie, which would be nice to have around us, and in the noise pod.
Picture References

1 - 2  screenshot noisepodblog, © gisel ‘10
3 - 6  screenshot google earth, © google ‘10
7 - 9  pictures on page, © by unknown owner
10 - 14 pictures & drawing, © gisel ‘10
15 - 19 model photos, © gisel ‘10
20 - 25 3D rendering, © gisel ‘10
26 the science of sleep, © by unknown owner
27 3D rendering, © gisel ‘10
28 - 31 2D drawings, © gisel ‘10
32 - 44 building photos, © gisel ‘10
45 - 49 city noise source photos, © gisel ‘10
50 - 55 fact pictures, © gisel ‘10
56 - 57 reflection pictures, mixed licence

References and Bibliography
Special thanks to

Guidance:

Anna Odlinge
Nina Hällgren
Karin Tyrefors
Lars Stensö
Åsa Conradson
Karin Nyren
Vesa Honkonen.

Help and Support:

Urban Friends
Marcel Gisel
Ursula Gisel
Corinne Gisel
Christian Held
Jakob Issa
Claire Snavely
Axel Kårfors
Jeanette Dalrot
Berlin
Zürich
Stockholm
New York
Iceland
Konstfack
Sweden

... and all my other friends and classmates for inspiring me and giving me such a nice time I could spend here at Konstfack and Stockholm for the last three years. Thank you!