

Event Horizon // Ereignishorizont

The passage of infinite reflections "Ereignishorizont // Event Horizon" proposes the expansion of a transit area by the use of light; new dimensions become visible when the light interacts with the facets of a system designed to deceive the senses. What was apparent might not be there. What we think may not exist, now seems real and it is displayed in front of us. An endless game of shapes that twist our perception of space-time continuum.

The Sound / Light installation can be installed in open spaces as well as in interior spaces, and it consists of a structure of stable aluminium profile, which holds plates of mirrored Dibond on the side walls as well as the ceiling, transforming the passage into an "infinite" reflective tunnel, 10 meters long, 2,5 meters high, 3 meters wide. A grid of (110 meters) addressable LED strips are mounted inside of the aluminium structure and controlled by a special software and hardware in order to display patterns specifically designed for the piece. Each individual LED is operated independently and receives specific values of hue and brightness. In this way, it is possible to produce beautifully complex patterns throughout the entire grid. The effects of this system amplified by the reflections phenomena created by the opposition of mirrored plates, provides endless perceptual possibilities.

A self-composed music piece intensifies the experience of the passers-by and places an accent on the abstract happening of each visitor. The piece is based on the usage of low frequencies and it is played only by subwoofers, 2 on each side of the tunnel, which bring the whole structure to vibrate and resonate, filling up the space within and having an influence on the audience much more on a physical level than on a perceptual level.

Photos, videos and more: <http://www.circuslumineszenz.com/ereignishorizont.html>



CONCEPTUAL BACKGROUND

Ereignishorizont contemplates on the characteristics of space-time utilising Light as a medium, while taking advantage of the spectator's point of view to analyse and question its existence. We are aware of the existence of space because we can perceive it, predominantly through our sight. We can see it if there is Light, therefore Light is a medium to make space a vivid experience.

Our body becomes a point of reference and the environment is affected by our presence, as in physics and quantum mechanics, the result is affected by the act of observation and our intentional immersion creates a physical connection to this transient space, apparently empty; emptiness filled with Light.

The mirrors play a very important role in our self awareness and our understanding of the space we occupy, which becomes very evident in such a surrounding. However, because of the infinite reflections caused by the installation, the deception is great, and reality becomes fragments of itself. Time and consequently space get distorted and metaphorically, our consciousness turns volatile, ephemeral. We doubt about reality in this space of finite dimensions that glow in endless luminescence.

Poetically, Ereignishorizont represents a boundary in space-time beyond which we have no access, no possibility of manipulation. Once Light travels beyond this point, its destiny is subject to the rules that apply in an environment that is out of our control, and these rules allow nothing to come back, to escape. Not even Light.



TECHNICAL REQUIREMENTS

- The dimensions of the tunnel are 10 meters long, 2,5 meters high, 3 meters wide.
- The whole object weighs 700kgs.
- The surface where the tunnel will be installed has to be at least 14 meters x 6 meters, flat, regular and levelled. At least 3 meters high.
- The installation requires 2400W of electrical supply. This does not include the sound system.
- Illumination from the outside of the tunnel can be as well provided by us if desired.

Set up - 2 days

Dismantle - 1 day

The object is not suitable for outdoors unless an extra roofing system is built on location. We have been studying this extensively and would be happy to either provide a solution for this ourselves, or give specific instructions that can facilitate the construction of such structure in your event.

The installation requires permanent supervision and audience control during the event. We will be happy to accompany this process and take the time to properly instruct members of your team in order to make this a fluent and comfortable experience for the visitors. At least 2 people are required for this, 3 are preferred.

Security supervision is required at all times, from the arrival of the material until the final packing, unless the installation is mounted in a closed area.

Special requirements:

2x rolls 12 meters long x 2 meters wide black carpet

4x subwoofers for the version which includes soundscape

A regular pallet truck is required onsite

2x ladders, preferently wooden ones, 2 meters high

Both carpet and sound system can be provided by us if desired, in which case we need to include it in the costs.

Our team is composed of three people. We will require 3 single rooms during the whole duration of the event, including set up and dismantle. Food is either provided by the organiser or has to be included in our calculations.