Tour de Contrôle

A new way of experiencing sound using light and space.
Een nieuwe manier om geluid te ervaren door gebruik van licht en ruimte.

Hosted by: Lucien Nicou

Project Information (EN)

TDC

Tour de Contrôle (Control Tower) is an instrument, object, installation, sculpture that allow new ways of experiencing sound, using spatialization and visual translation. The control unit allows recording, slicing and modifying sound which is played through an 8-channel speaker-system. LED stroboscopes and tungsten lights translate the sound in real time as it travels through a space. The large control unit made from stainless steel and birch wood features 8 audio inputs, 10 audio outputs, protocol ports (MIDI, DMX, USB, RJ45), an audio interface, a computer and a touchscreen. Its custom designed software can be operated using two MIDI controllers regrouping a total of 170 sensors (mechanical switches, faders and potentiometers) all held by two custom PCBs.

Sound Research Residency - DDW 2023

Tour de Contrôle has been designed as a flexible system to be operated by musicians; the reveal and presentation of the project will take place during a week-long residency of live experimentations and performances at DDW23. Each day will host a new artist or collective. Each of them will have the day to test, experiment, create and perform on the Tour de Contrôle. Resident in-situ will be Lucien Nicou, the designer, developer and constructor of the Tour de Contrôle. He will act act as a guide and collaborator to the array of different artists taking part in the exhibit. The curation of different musician and collectives working in the sonic realm unlock and showcase the console’s diverse audio-visual-spatial possibilities. Detailed program and performance tickets on : luciennicou.fr/TDC

Projectinformatie (NL)

TDC

Tour de Contrôle (controletoren) is een instrument, object en installatie die, door gebruik te maken van ruimteverdeling en visualisatie, het mogelijk maakt om geluid op een nieuwe manier te ervaren. Het besturingssysteem is in staat om geluid op te nemen, te snijden en te modificeren. Het geluid wordt afgespeeld via een 8-kanaals luidsprekersysteem. LED stroboscopen en wolfraamlampen vertalen het geluid in realtime terwijl het door de ruimte reist. Het apparaat is van roestvrij staal en berkenhout, heeft 8 audio-ingangen, 10 audio-uitgangen, protocolpoorten (MIDI, DMX, USB, RJ45), een audio-interface, een computer en een touchscreen. De speciaal ontworpen software kan worden bediend met twee MIDI-controllers die in totaal 170 sensoren (mechanische schakelaars, faders en potentiometers) aansturen bevestigd aan twee op maat gemaakte printplaten.

Sound Research Residency - DDW 2023

Because Tour de Contrôle has been designed as a flexible system to be operated by musicians; the reveal and presentation of the project will take place during a week-long residency of live experimentation and performances at DDW23. Each day will host a new artist or collective and after a period of testing will culminate in a public performance to round off the day. Resident in-situ will be Lucien Nicou, the designer, developer and constructor of the console himself, to act as a guide and collaborator to the array of different artists taking part in the exhibit. By inviting different musicians and collectives working in the sonic realm, we curated an environment that helps us unlock and showcase the console’s diverse audio-visual-spatial possibilities. Gedetailleerd programma en kaartjes voor de voorstelling op: luciennicou.fr/TDC

Image List

Filename	Caption	Credit
img-1-ok-copie-h-2_1693466304.jpg	Tour de Contrôle	Lucien Nicou
2_1693466322.jpg	Tour de Contrôle	Lucien Nicou

The images above are included in the ZIP under `/images`.