



# SonoScriptum

A creation by **Antonin FOURNEAU**



# Sonoscriptum

## Presentation :

Sonoscriptum is a surface sensitive to touch and sound. You can leave a luminous traces by moving your hand or body close in front of the surface. To add color, you have to modulate your voice or play an instrument. Light goes from red in low tone and blue in the high tone by passing by different colors between these tones. And to erase just say *shuuuutttt !*

## Credit :

A creation by Antonin FOURNEAU

Conception and Development : Guillaume STAGNARO and Antonin FOURNEAU.

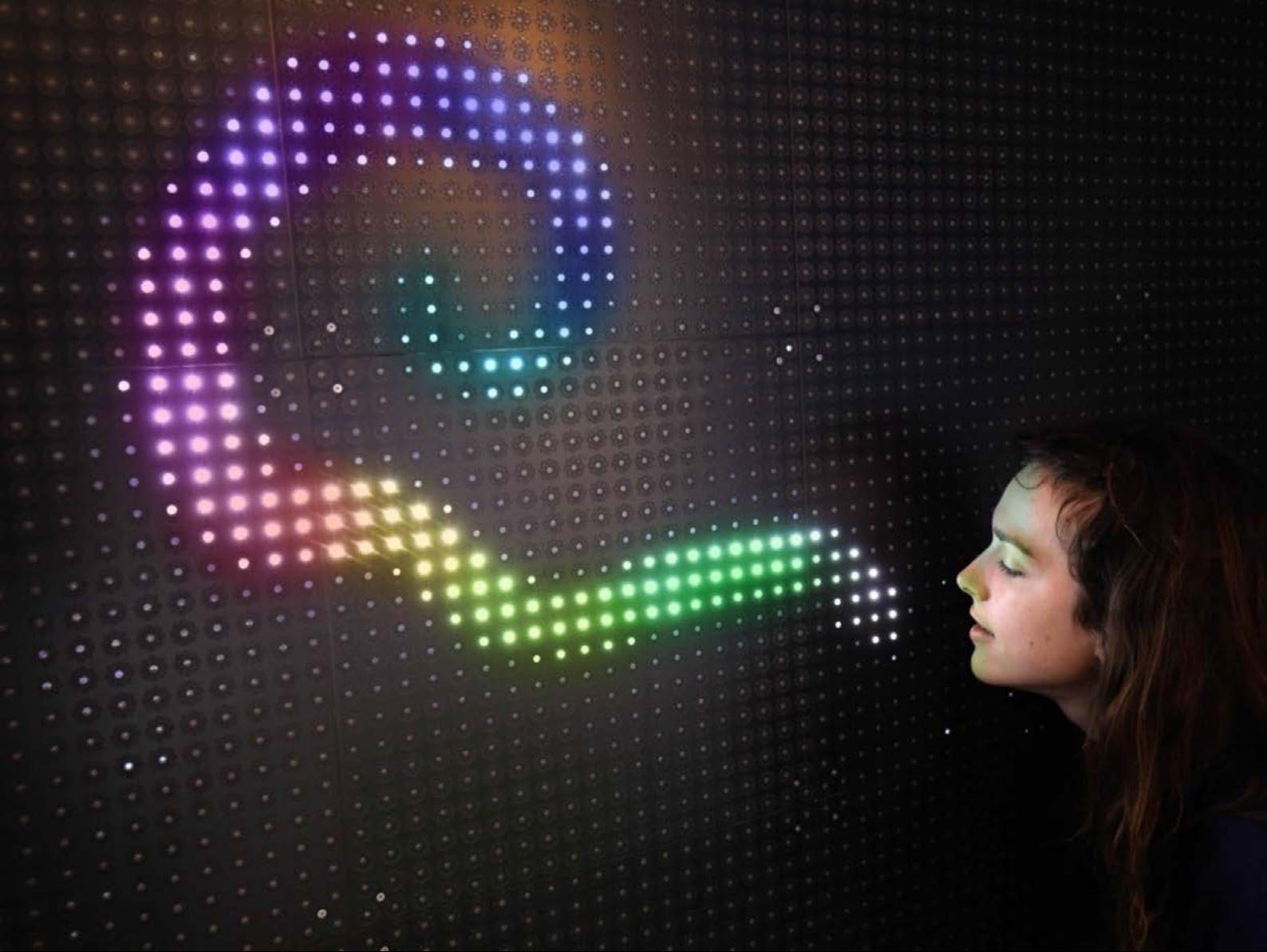
## Partnership :

Sonoscriptum was produced with the support of the International Design Biennial Saint-Etienne 2019, the residence of digital arts and creative technologies Te Ataata, proposed by the Embassy of France in New Zealand and the Auckland University of Technology (AUT) and Saint-Ex digital culture - Reims.

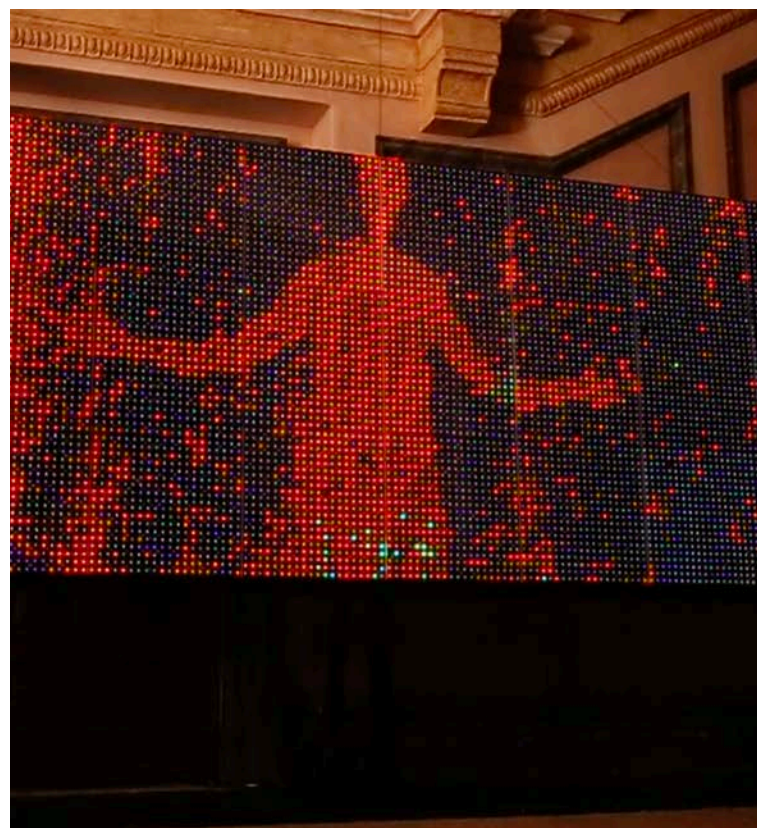
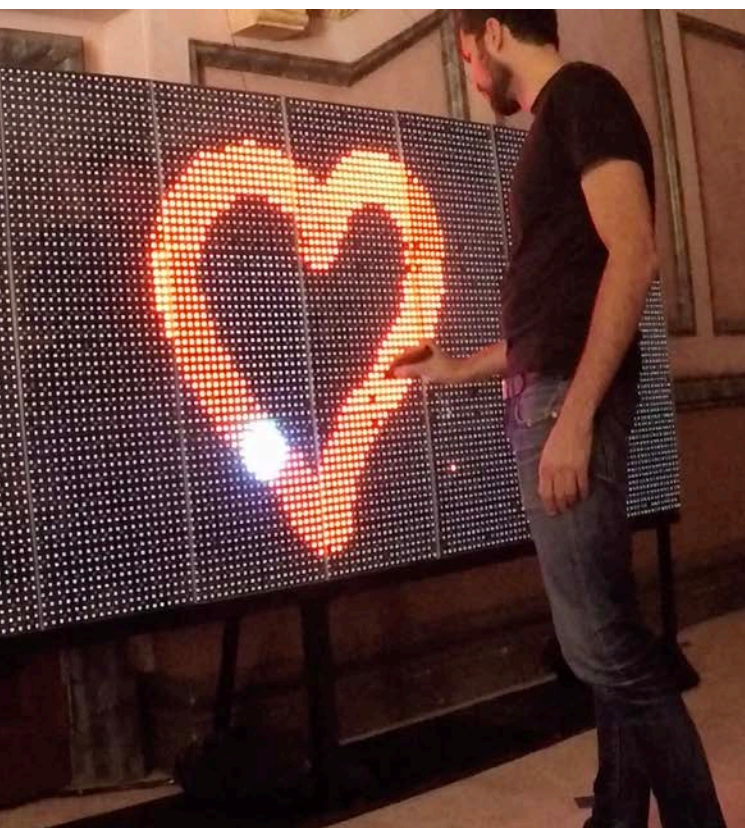
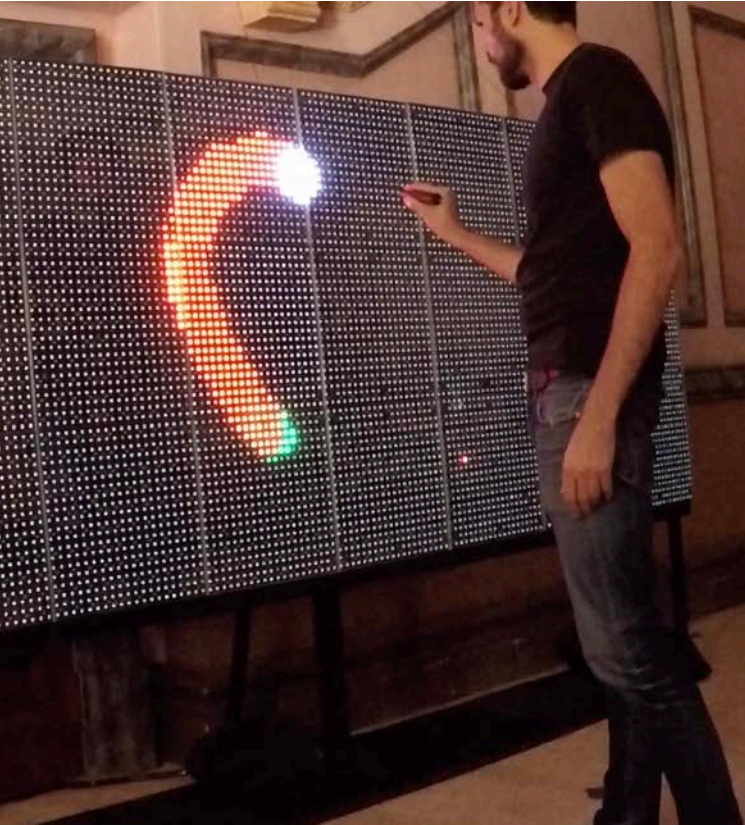
Sonoscriptum is an artwork from the artist Antonin FOURNEAU.

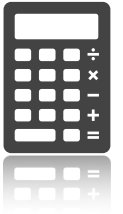
## Video link Sonoscriptum





**It's also possible to draw or display shadow with an infrared torch.**





**Our quotations include the Sonoscriptum rental as well as the following logistics fees :**

- Transportation of Sonoscriptum panels and equipment
- Transport of technicians
- Lodging for the technicians

In case you want to take in charge some of these expenses, please let us know and we will adapt our quote accordingly.

**NOTE :**

Our quotes vary according to the size of the requested wall, the duration, the location of the event and the requested period. For each of your projects, it is therefore necessary to specify these various criteria to ensure the cost of our service.



# Transport and equipment



## TRANSPORT

The transport is done by flight cases with wheels (identical to the suitcases of DJs), dimension **60x56x32 cm**. Each flight case can contain a maximum of 6 Sonoscriptum panels a total weight about **20 kg**.

### EXAMPLE :

For a wall of 3.2x1.2 m, it is necessary to count 5 flight cases with 26 panels in total :

- 4 flight cases with panels (24 panels for the wall)
- 1 flight case with the equipment (electric cable, 3 power supplies, tools ...) and 2 spare panels

Flight cases are stocked in **Paris, FRANCE**.

**For events outside of FRANCE, flight cases are sent via a transport company approximately two weeks before the event.**



## EQUIPMENT PROVIDED BY US :

- Sonoscriptum Panels
- Electric cables (audio type)
- Power supply (12 Volts - 60 amp)
- Tools (screwdrivers, pliers...)
- Magnets (to hang panels)
- Screw (to screw the magnets to the panels)
- Infrared light x 2

## EQUIPMENT PROVIDED BY CLIENT :

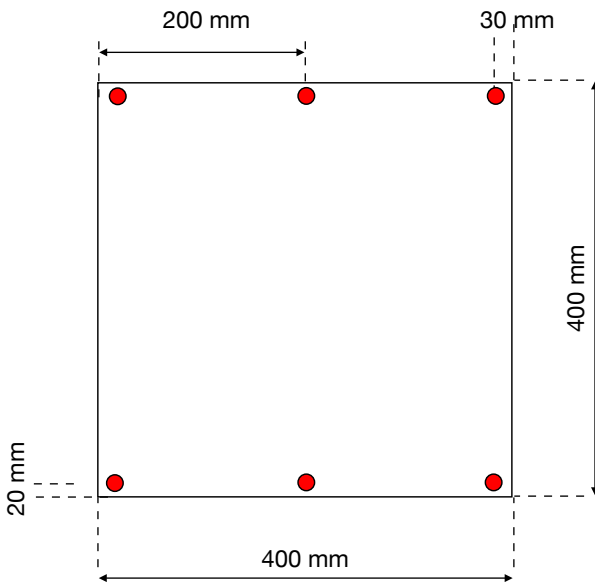
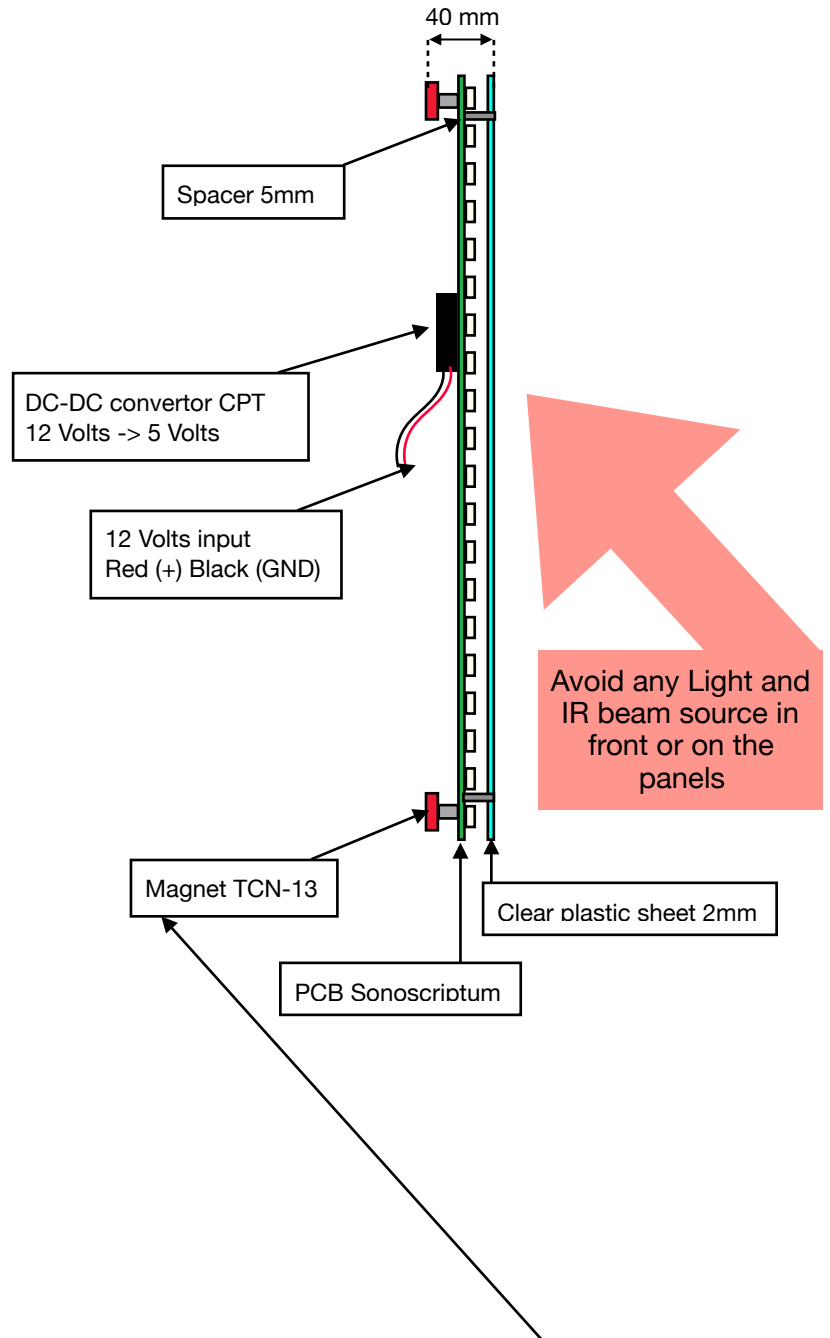
- 2 large Tables and 2 chairs during the setup
- 1 frame structure to hang the Sonoscriptum panels
- A roof for the structure if outside to protect from the rain
- A shelter during the setup if outside



# Panels details

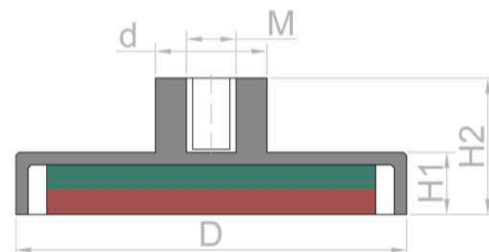


Sonoscriptum panels technical information	
Dimension	400x400x40 mm
Weight	2.1 kg
Power Voltage	12 Volts
Max Amp Consumption	1.2 Amp
Nbr LEDs	400
Color	RGB
Precaution of use	avoid any source of infrared in front of and on the surface of the panels (sun, incandescent lamp, infrared heating, camera with IR, ...)

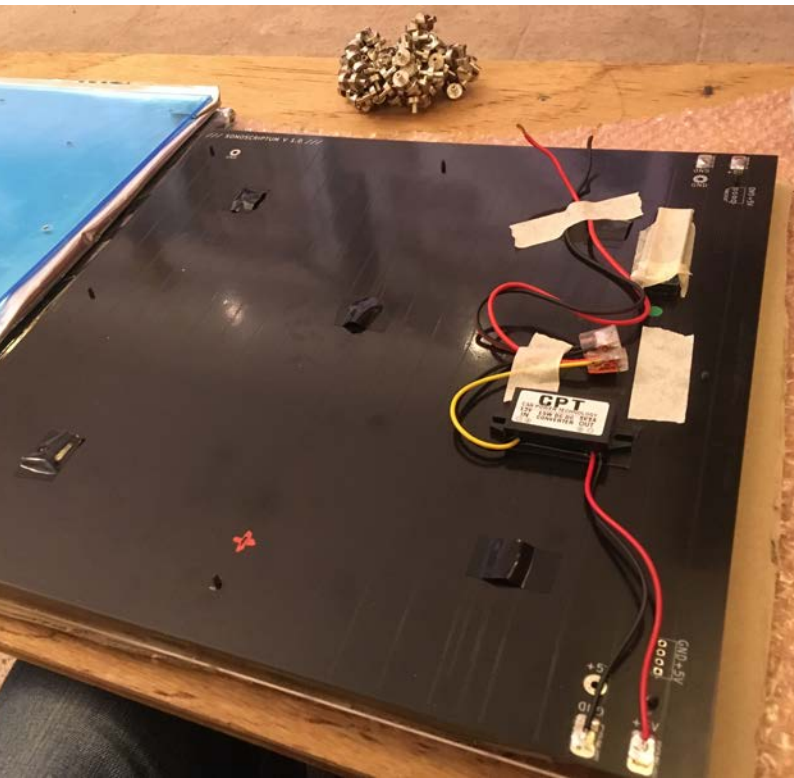


## Magnet Technical information

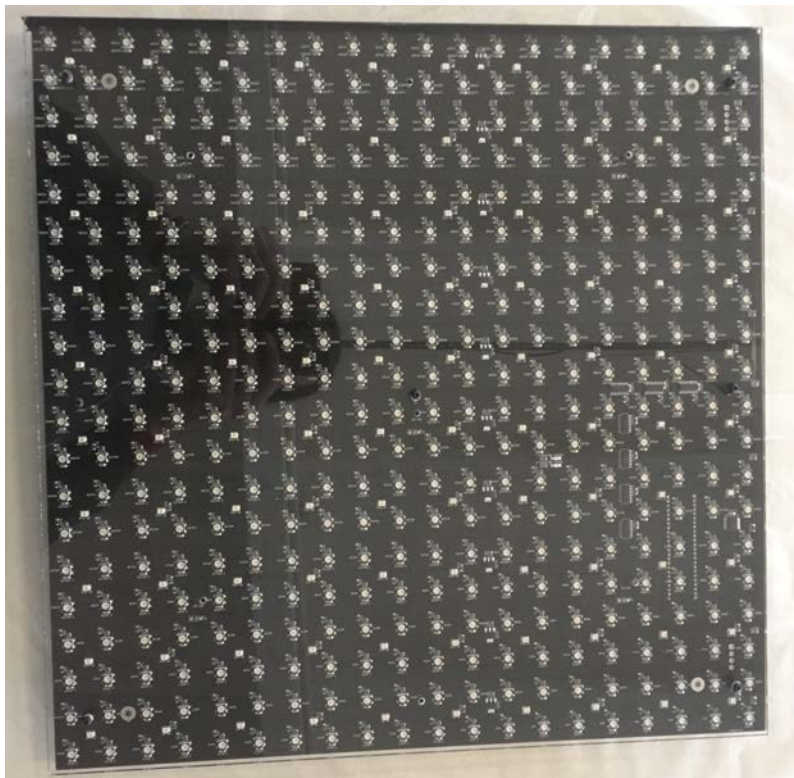
Article ID	TCN-13
EAN	7640155438582
Material	NdFeB
Strength	approx. 5 kg (approx. 49 N)
Pot diameter D	13 mm
Neck diameter d	5 mm
Pot height H1	4,5 mm
Total height H2	11,5 mm
Thread M	3
Tolerance	+/- 0.1 mm
Coating	Nickel (Ni)
Magnetisation	N38
Max. working temperature	80°C
Steel	Q235 (China)
Weight	5,3000 g



# Panels pictures details



Back



Front

Wago connectors + in red 12 volts and GND in black

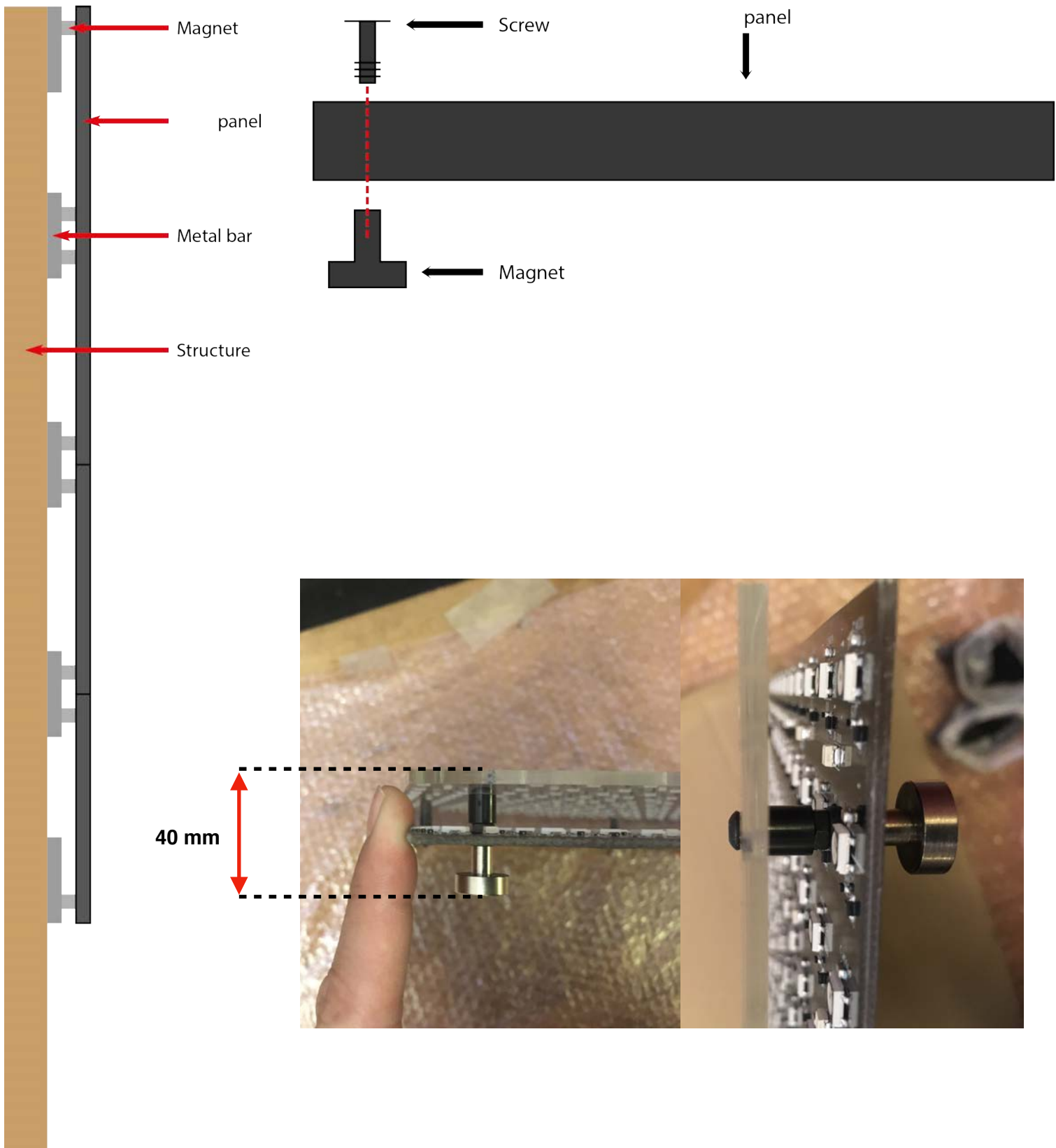




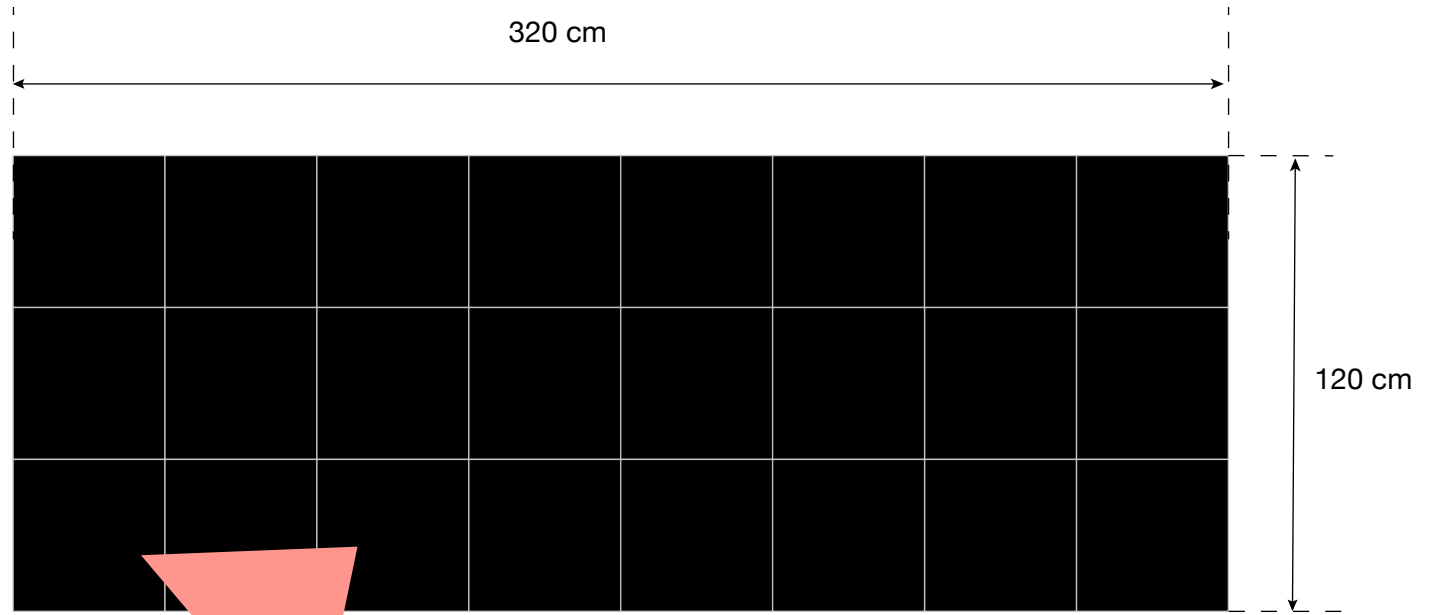
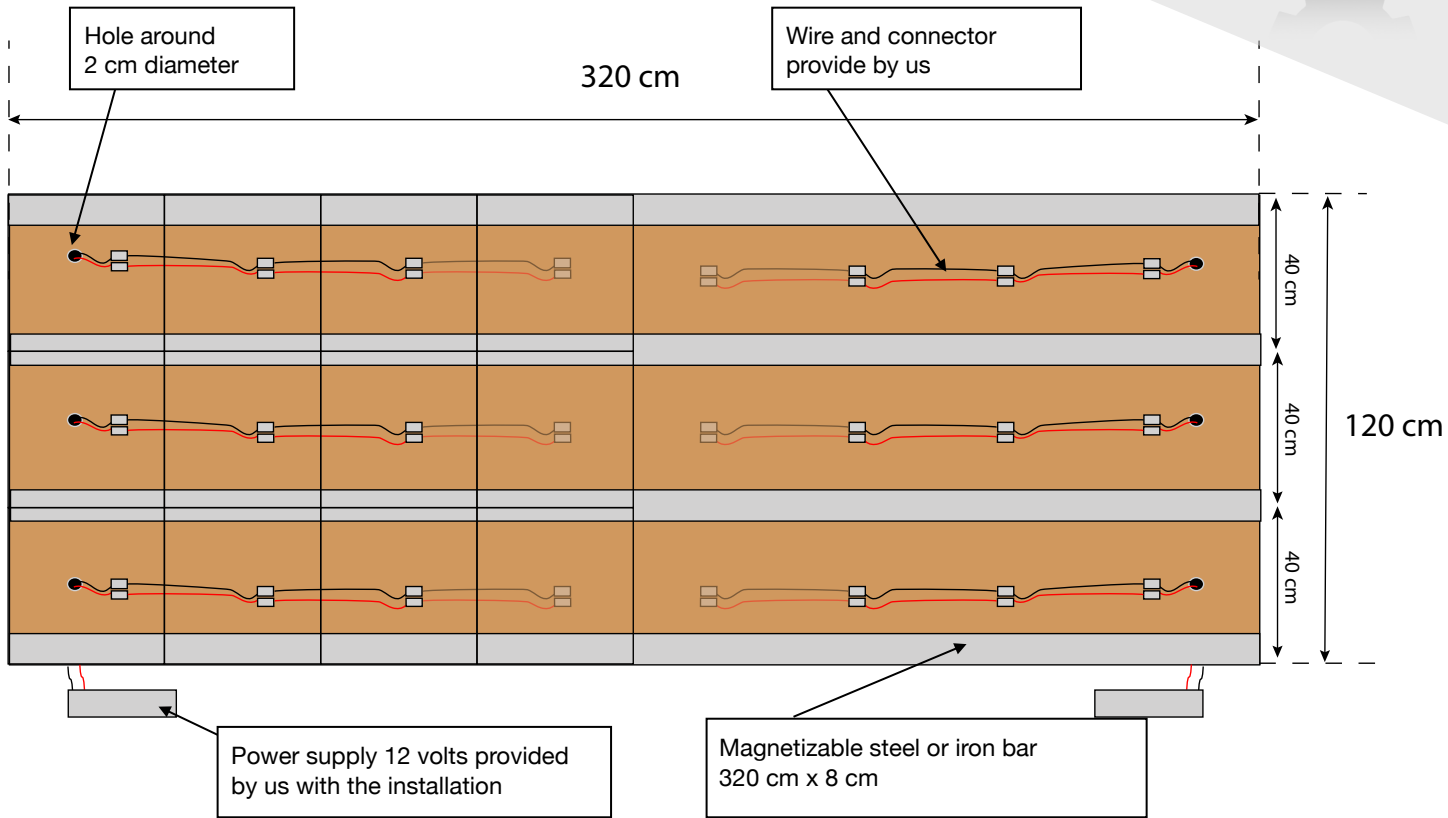
# Hanging system



The structure must be equipped with **metal bars** to allow hanging panels. The panels are equipped with 4 or 6 magnets screwed to hold them at these bars.

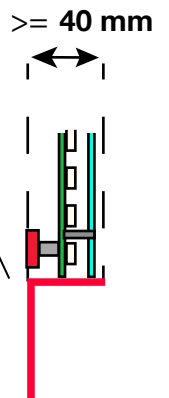
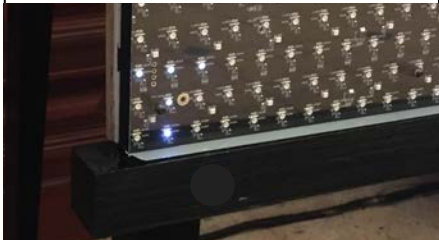


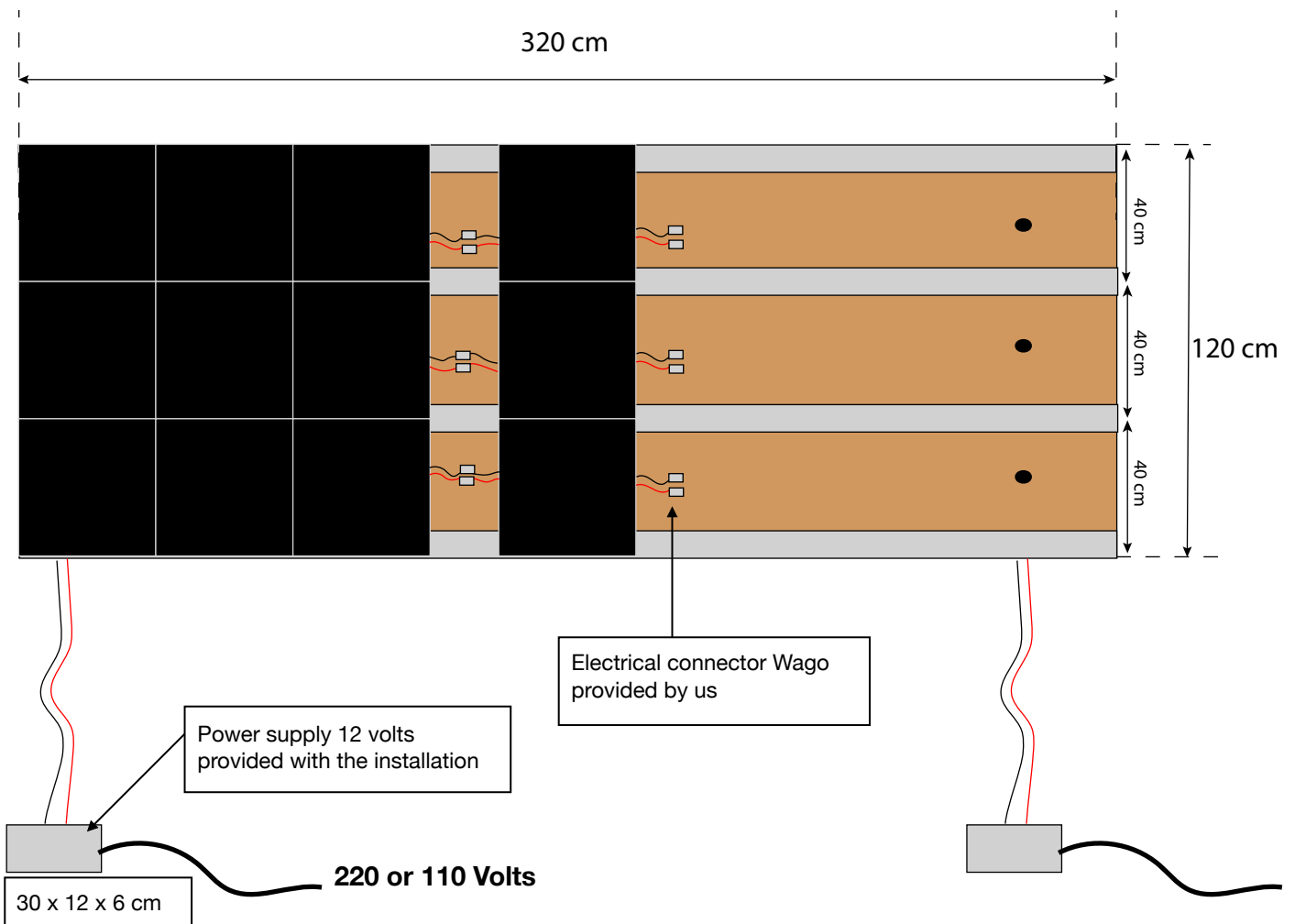
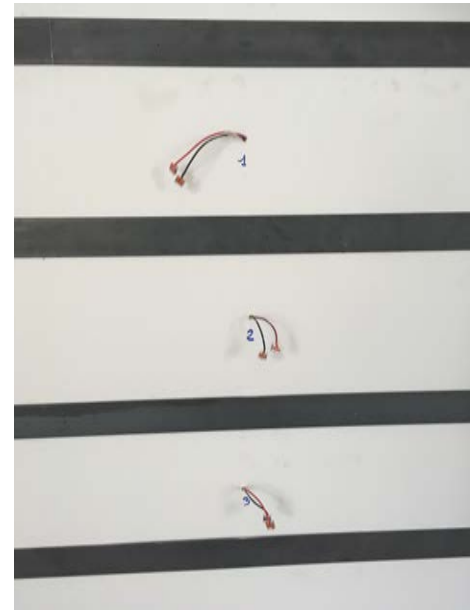
# Structure provided by client



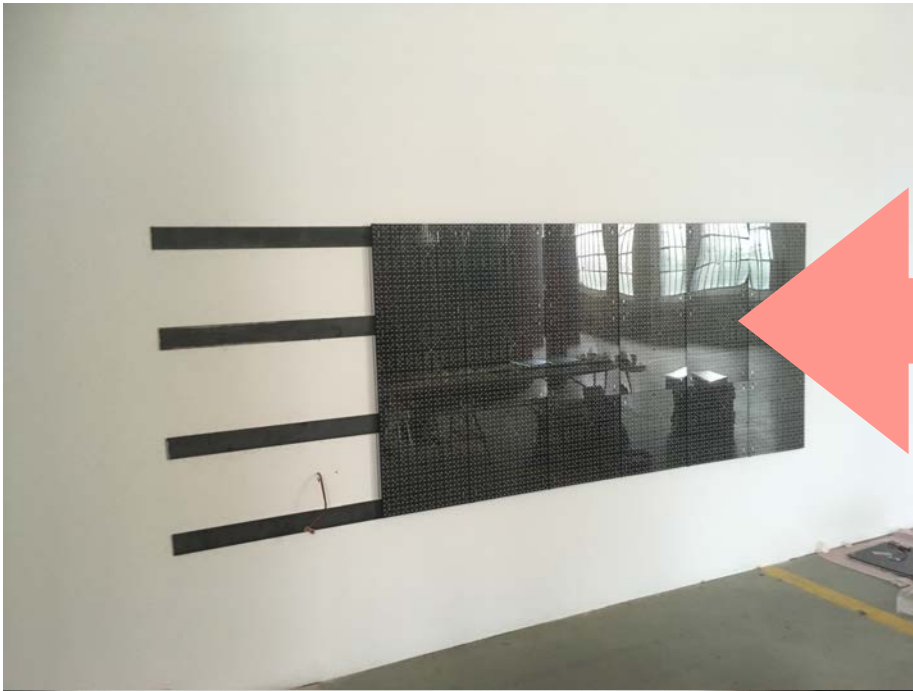
**!! Attention !!**  
Avoid any light or IR beam source in front or on the panels

Steel angle or wooden batten (40 mm minimum) to support the panels and avoid falling when visitor touch the panels.

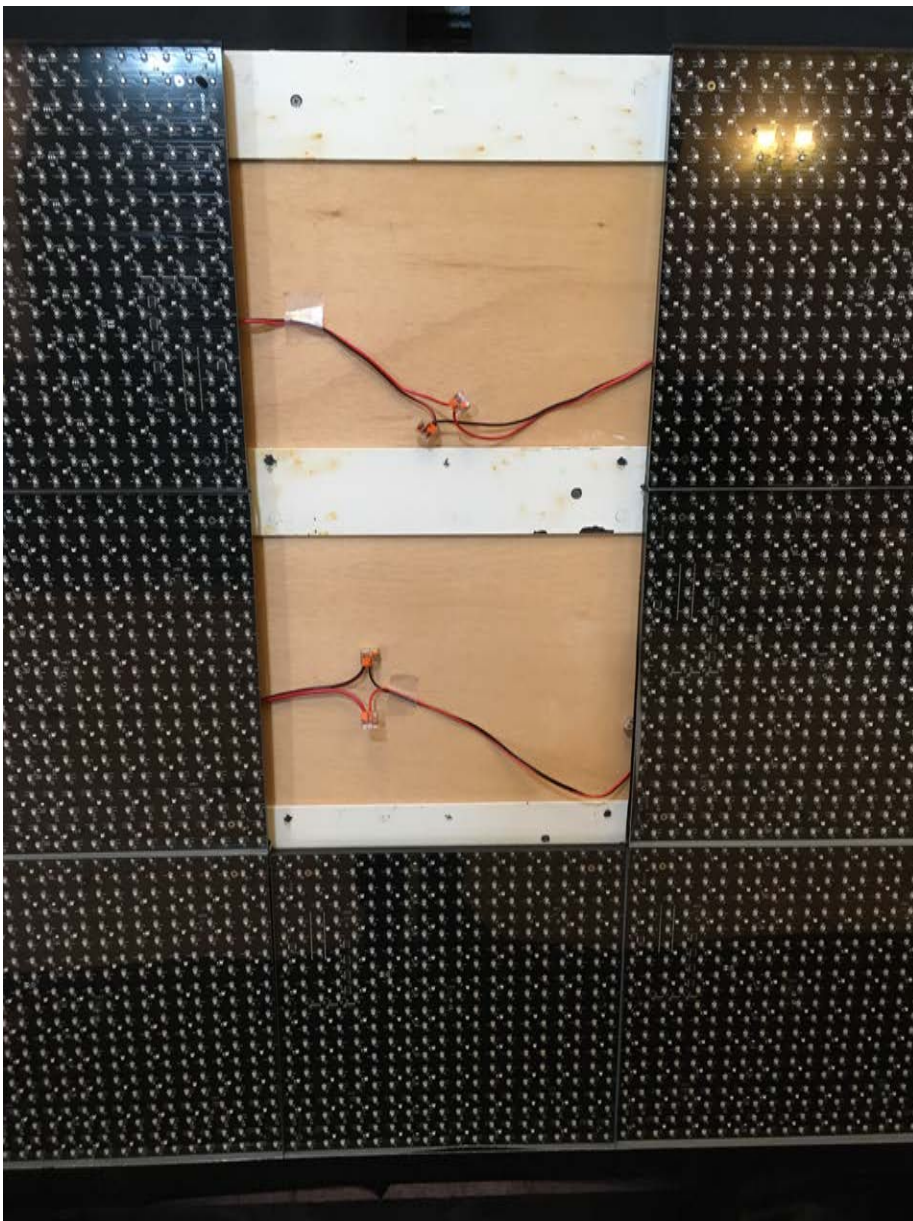




# Pictures details



Avoid any Light and Infrared beam source in front or on the panels



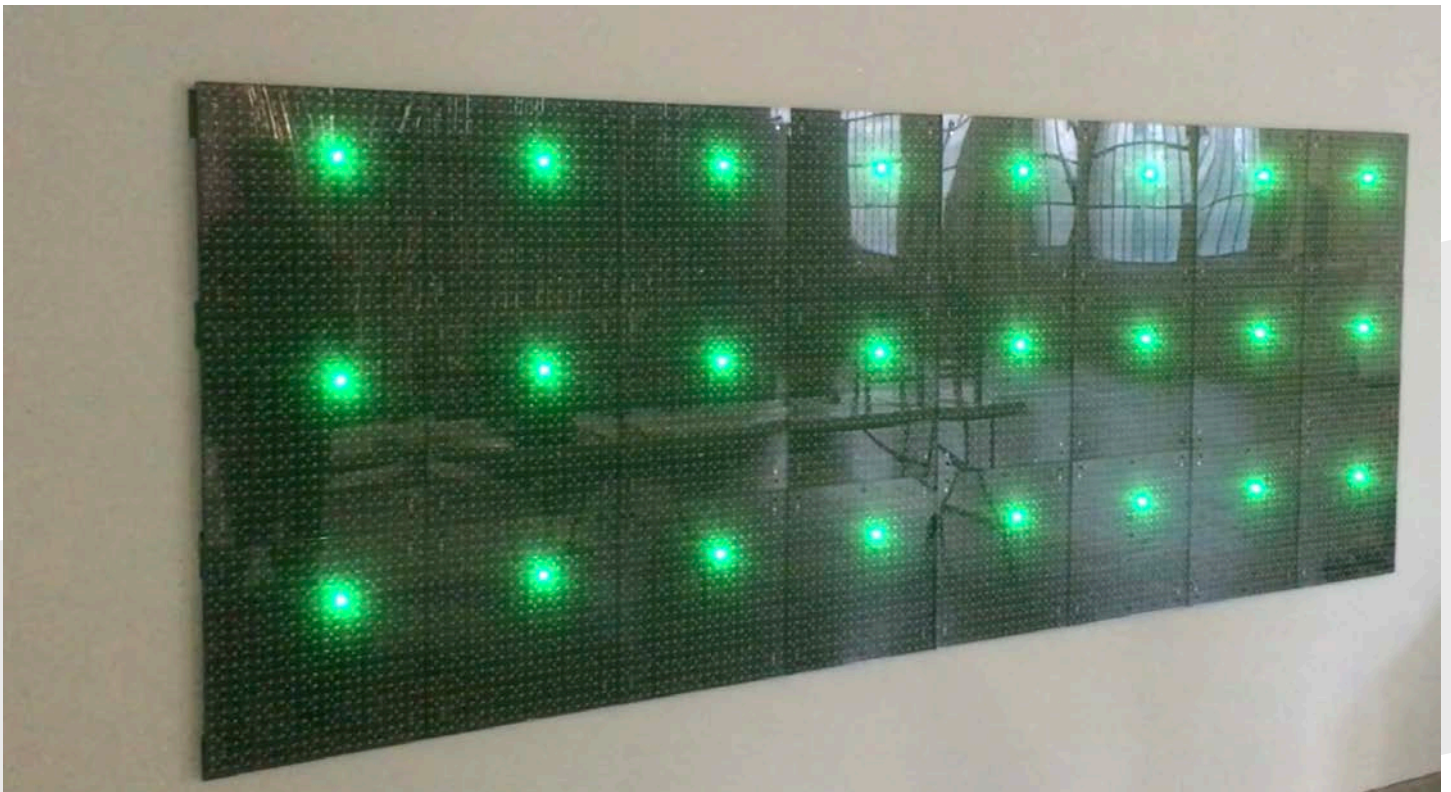


# Technical functioning

**Sonoscriptum is an artwork that requires a dark environment without light or infrared light, such as heater, camera, kinect and sunlight.**

To light the wall, make sure you are in the dark without sunlight or infrared light. From then on, you can start directly by plugging in the power supply.

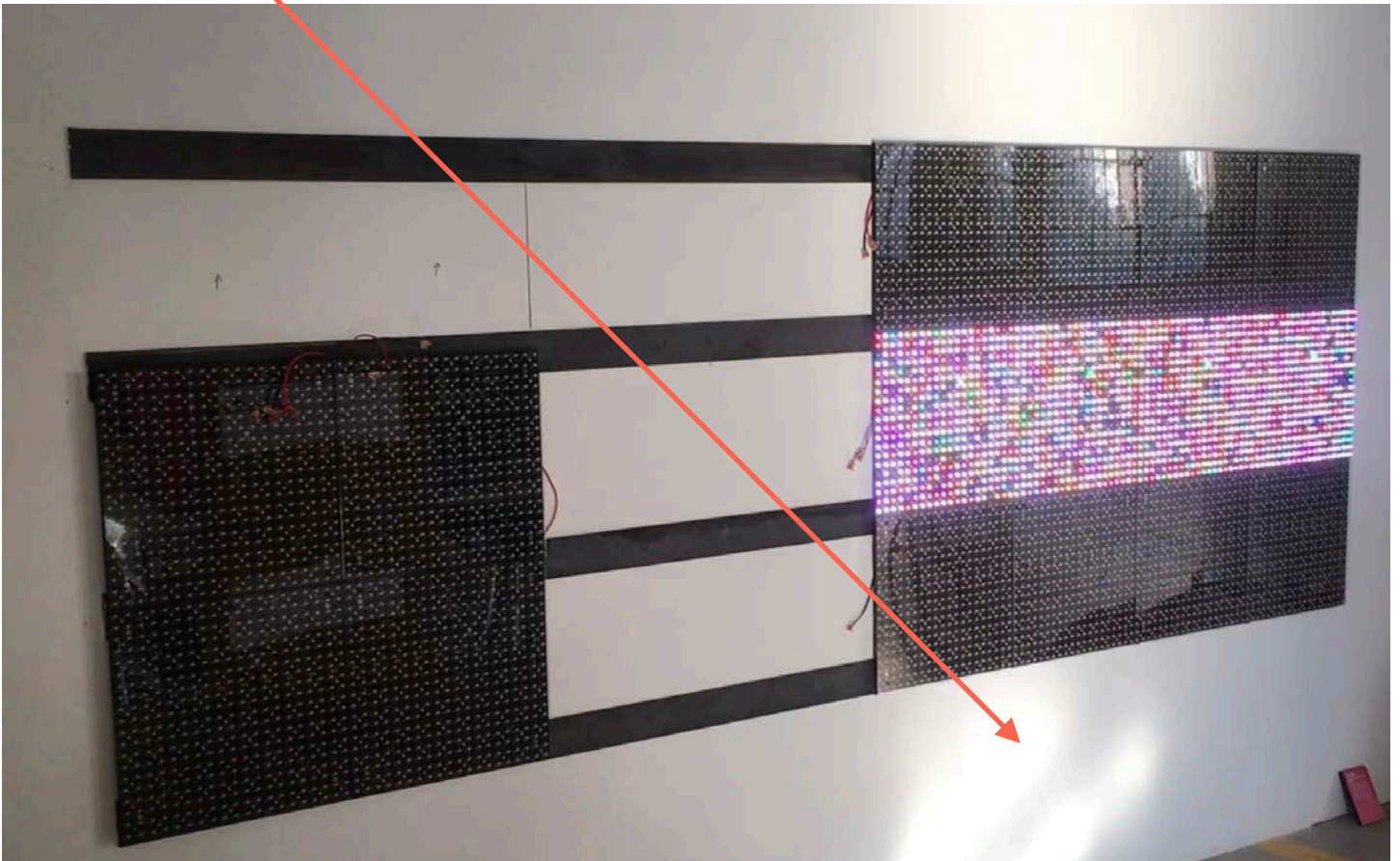
The panels will flash in green for 20 seconds. During this time, the lighting environment must not be altered and no one must pass in front of the wall. While the panels green LEDs are blinking, you have to produce a white noise, like simply produce with your voice : schuuuuuuuuut ! In order to calibrate the sound sensors with the environment of the room. After even, if the system is be able to adapt at lighting change try to avoid any lighting modification during exhibition or reboot the system.



# !! Light environment



Avoid infrared source beam !!



# !! Sound environment

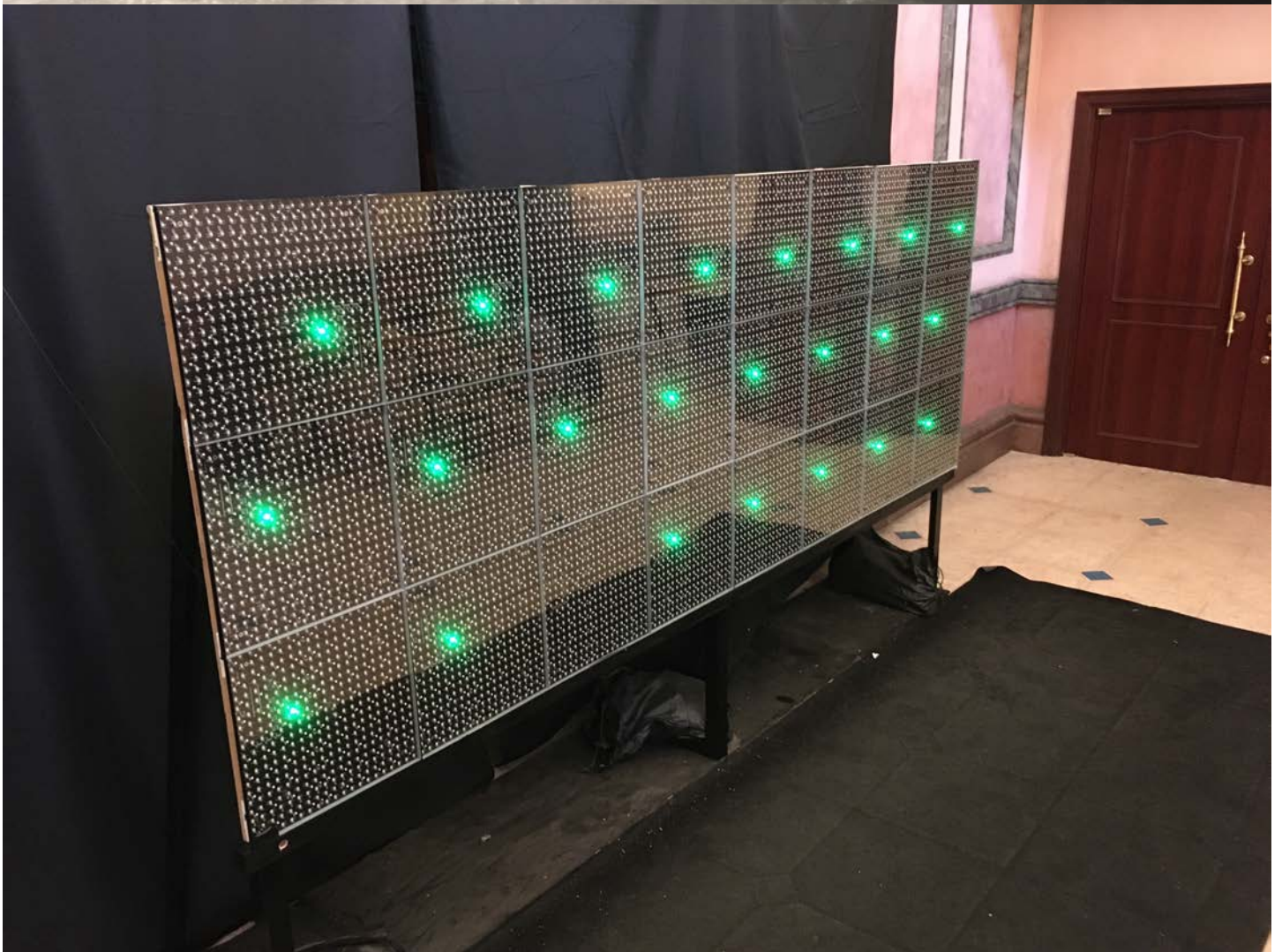
In order to optimize performance with a rich color gamut, a quiet space without ambient noise, resonance and reverberation is required. The presentation can also take place outdoors provided that the work is protected by a roof from the rain, always minimizing noise (air conditioning, loudspeaker, ventilation, beeper, crowd...).



black curtain surround the installation is perfect to avoid sound reverberation inside.




# Structure examples





During the exhibition, you have a flight case containing : a 12 Volts power supply spare and 2 Sonoscriptum panels already assembled and ready to be mounted. Be careful to ensure to switch off the power supplies before to change a panel and respecting the order of color 12 Volts (red) and GND (black).



# SonoScriptum



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