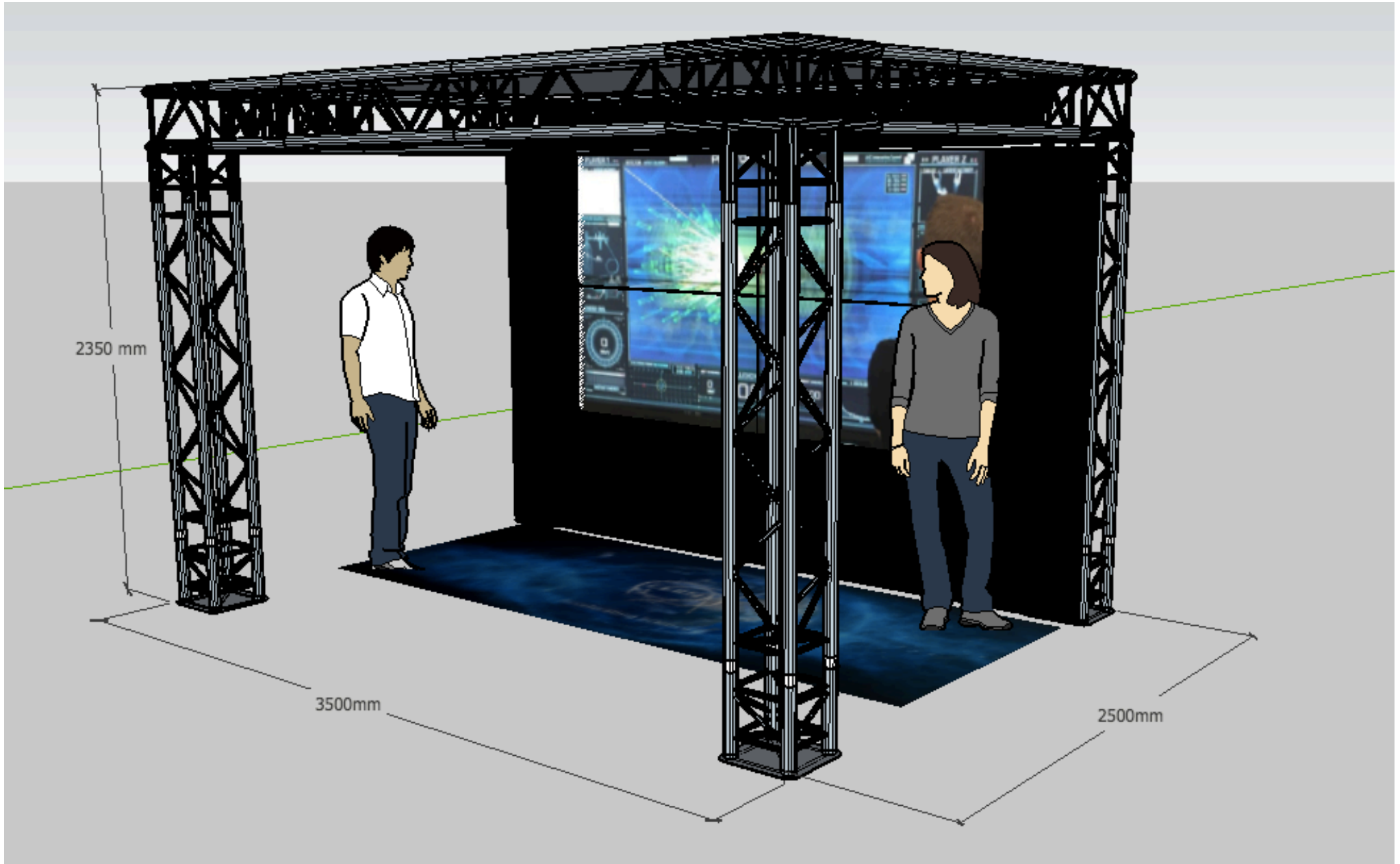


# Cern LHC Interactive Tunnel Installation manual

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2350 mm

3500mm

2500mm

# Mounting sequence

- Installation of the lino floor
- Truss structure mounting
- Screen support horizontal bars
- Screen support vertical bars
- Black top cover installation
- Screen installation
- Video projectors installation
- Kinect installation
- Pc and sound system installation
- Cabling Power, Video , sound, Kinect, Small router
- Test
- Vertical black covers installation
- Test

# Lino installation

- Lino is foreseen to be Below the 4 feet of the structure.
- Please keep 1.5m from lino to room wall for access on the back part.
- If possible use double side tape to fixe it on the floor

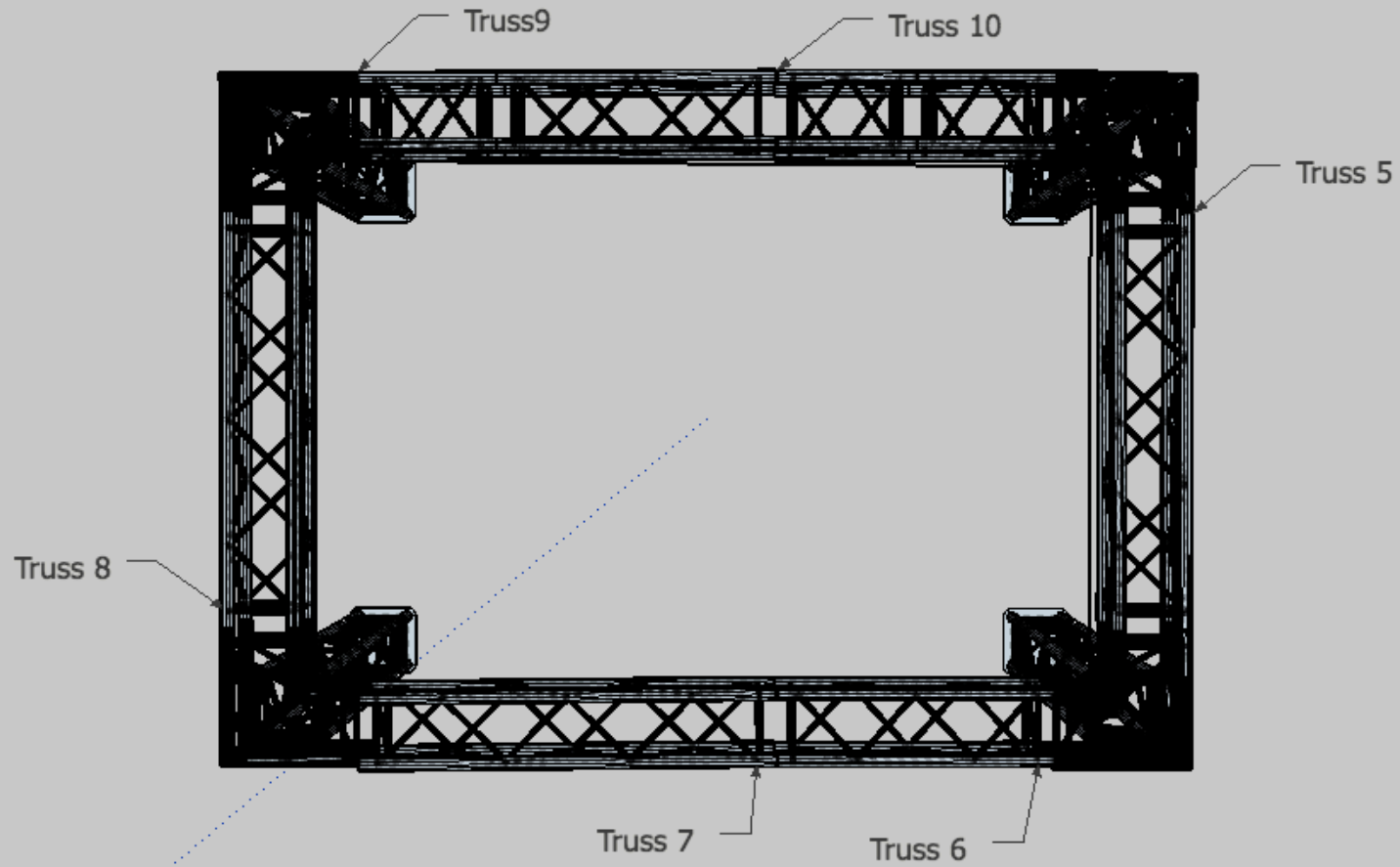
# Truss structure mounting

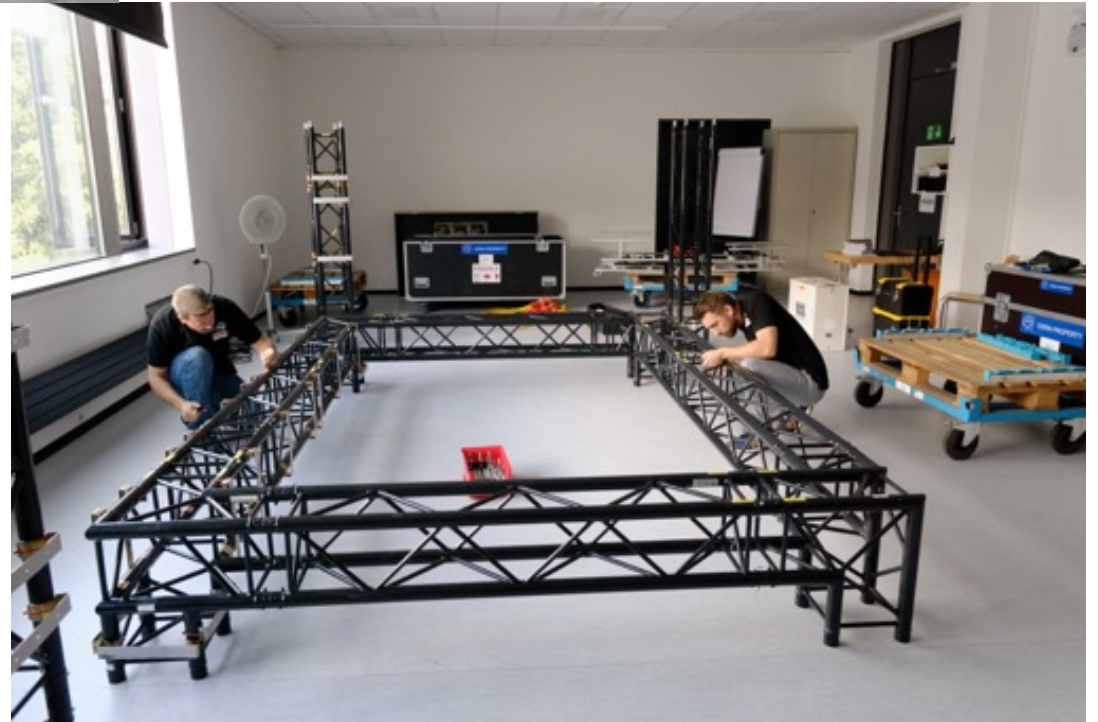
- On the trolleys you have:
- 4 feet, 2 piece 2 m long and 4 pieces with 1.5m attaches to an angle.
- On the large box -03 you will find the pines and clamps for the assembly
- First mount the top part of the structure on the floor and then the feet will be add.
- Please identify the pieces to be fixed together with the stickers like on the picture below
- For example Truss 1 to Truss 1.



- The part with the screens wall is the one with stickers Truss 1 and Truss 2.
- When the top rectangle is done and secure by pines and clamps, you have to add the feet, for this lift one side (2 persons) and a 3rd on will place the feet on this side.
- Please secure directly with the pin and the clamp the fixation.
- Than lift the other side and add the 2 others feet.
- Adjust the position of the structure on the lino.

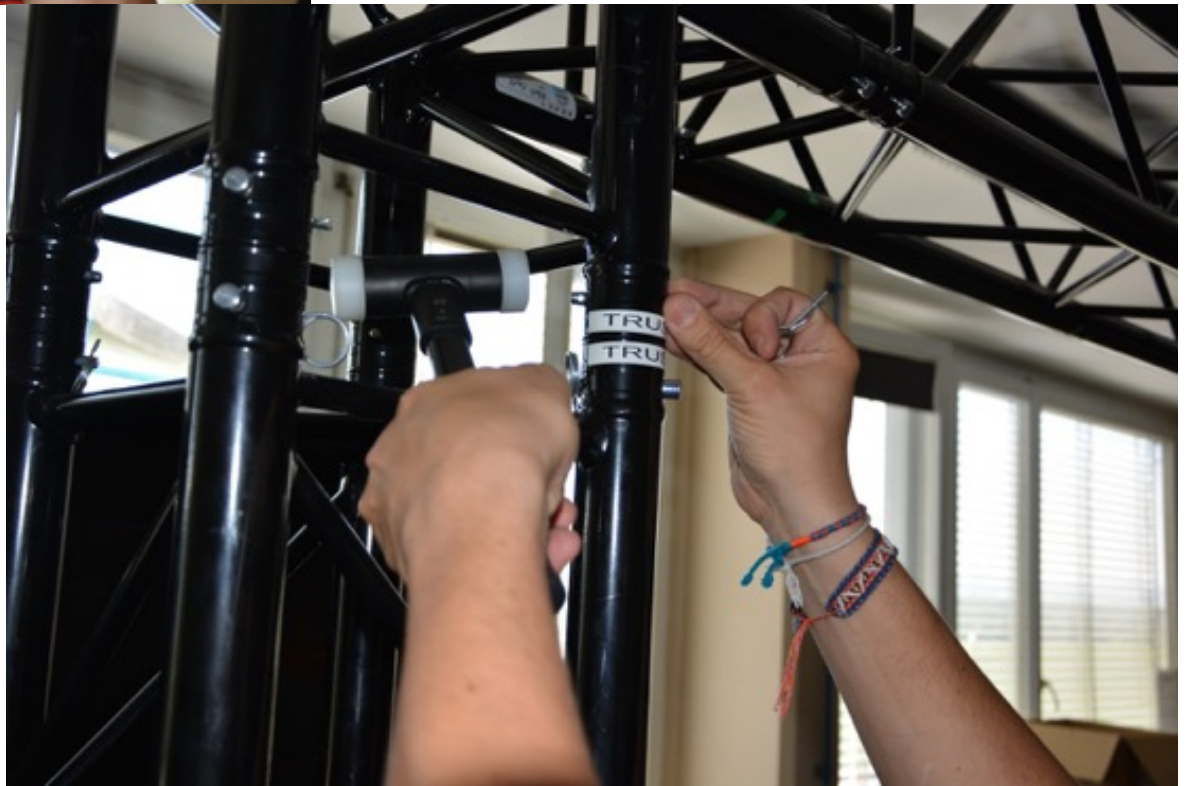
# Truss junctions







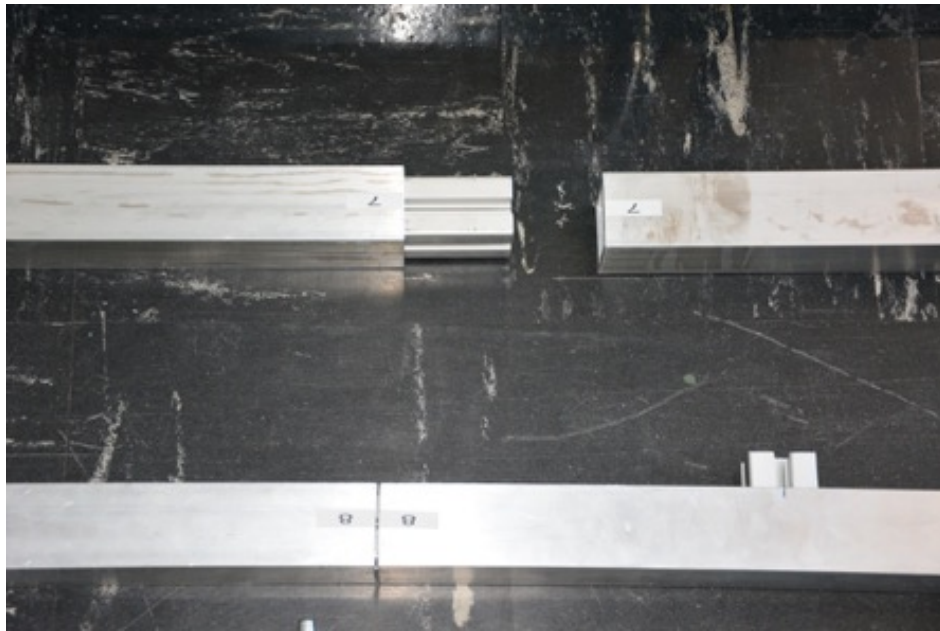
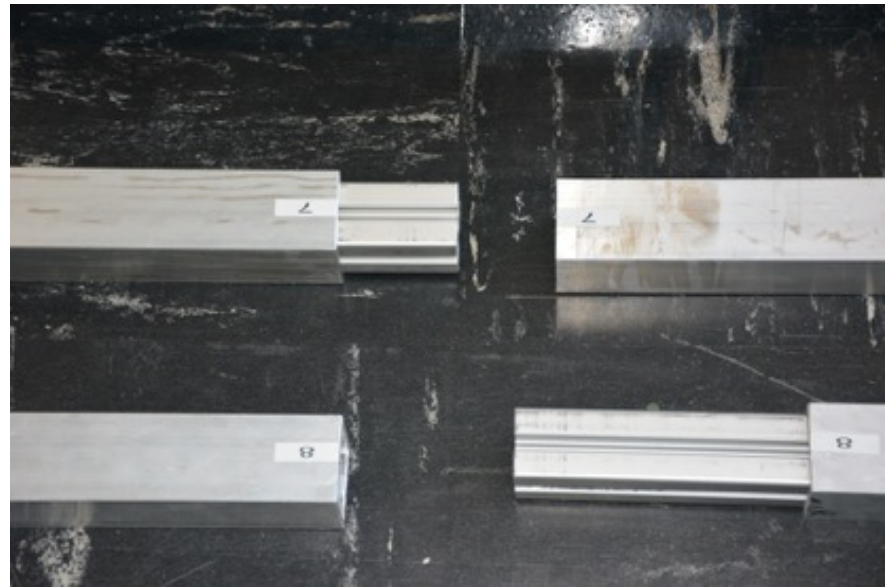




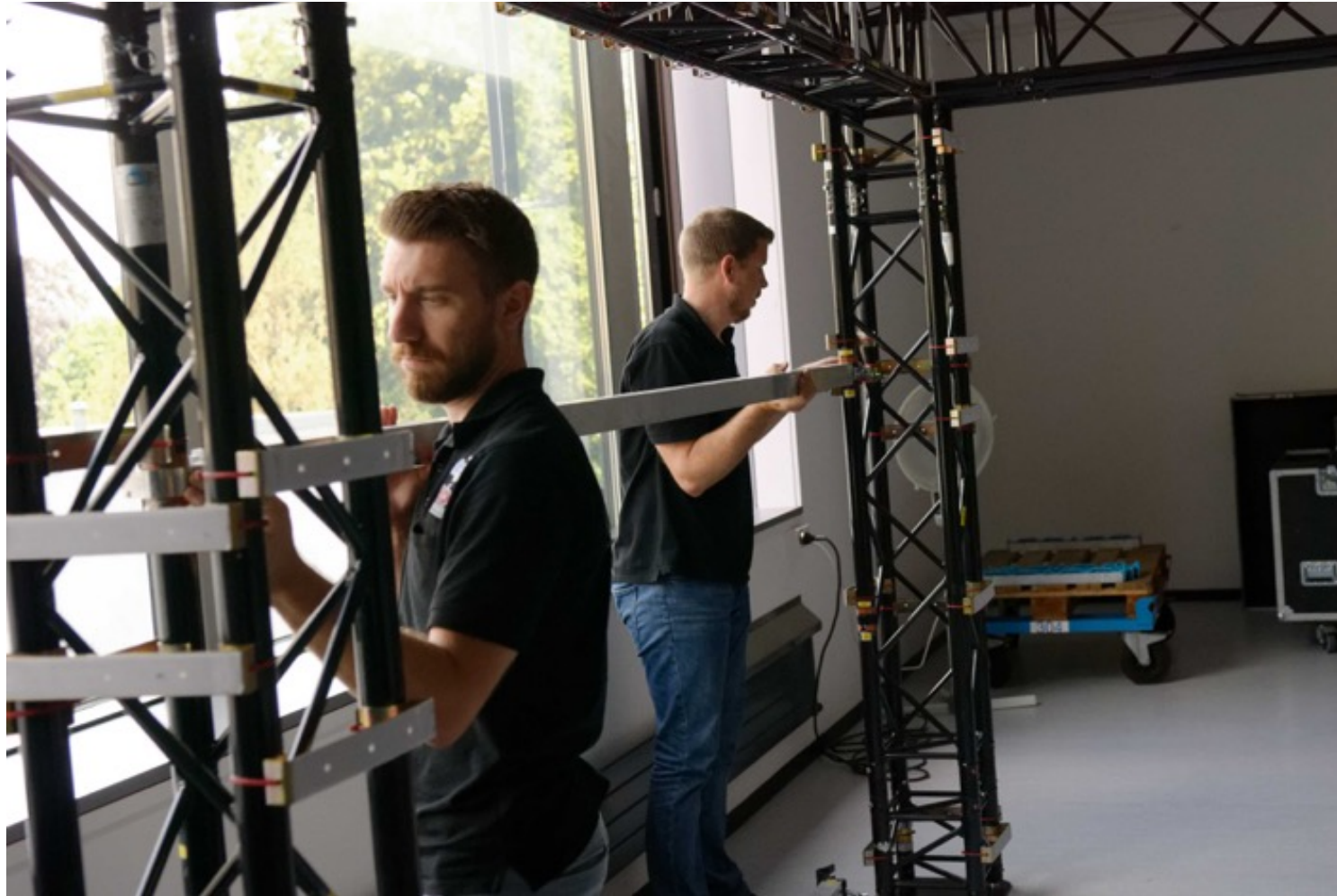
# Screens structure mounting

- Horizontals bars should be assemble as on the picture

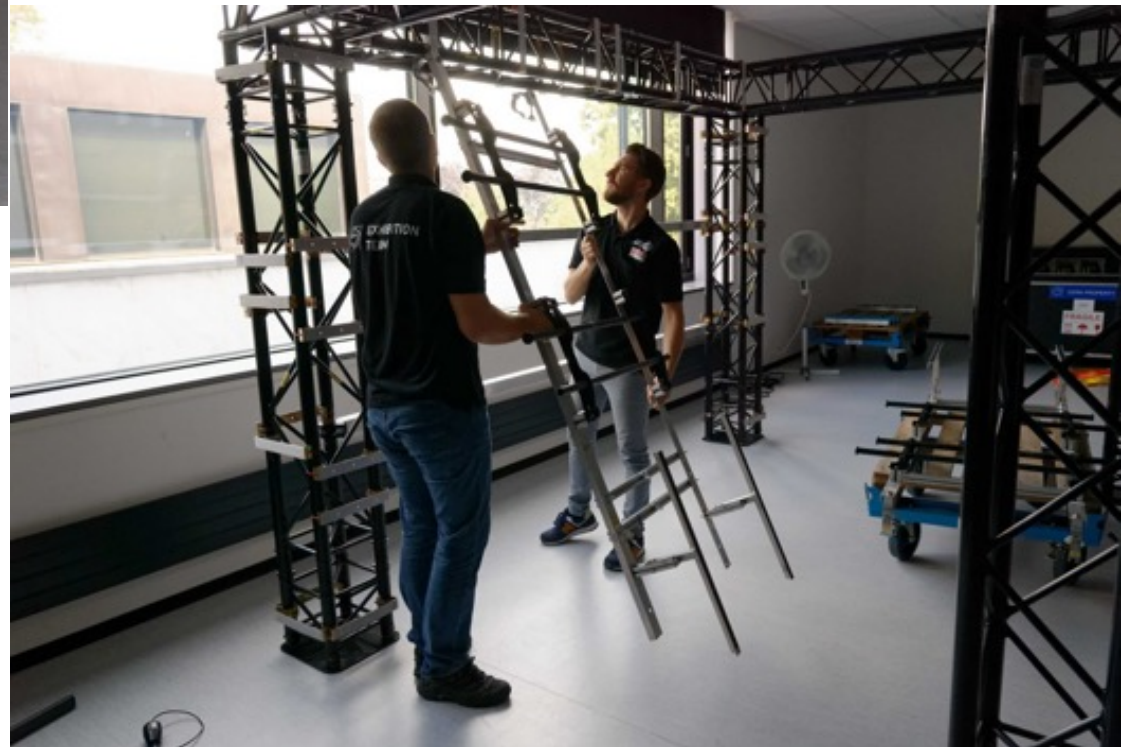
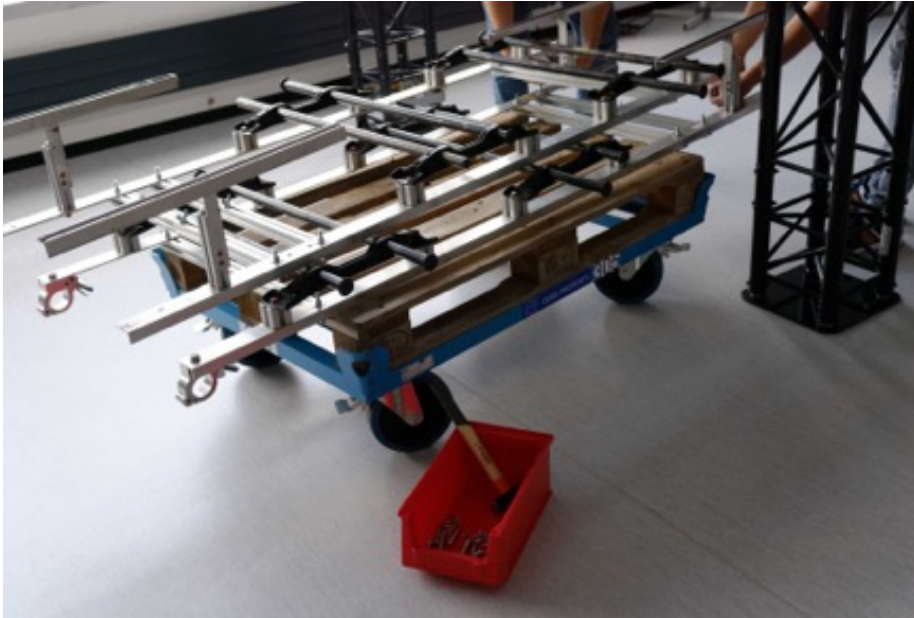




- Horizontal bars will be then fixe on the structure on the accoding position on the feet



## Screen support vertical bars installation





# Top cover installation

- The black top cover is fixed directly on the truss structure – Please put the cover slightly above the screen to avoid external light
- (max 5 cm, to allow top ventilation )





# Screen Installation

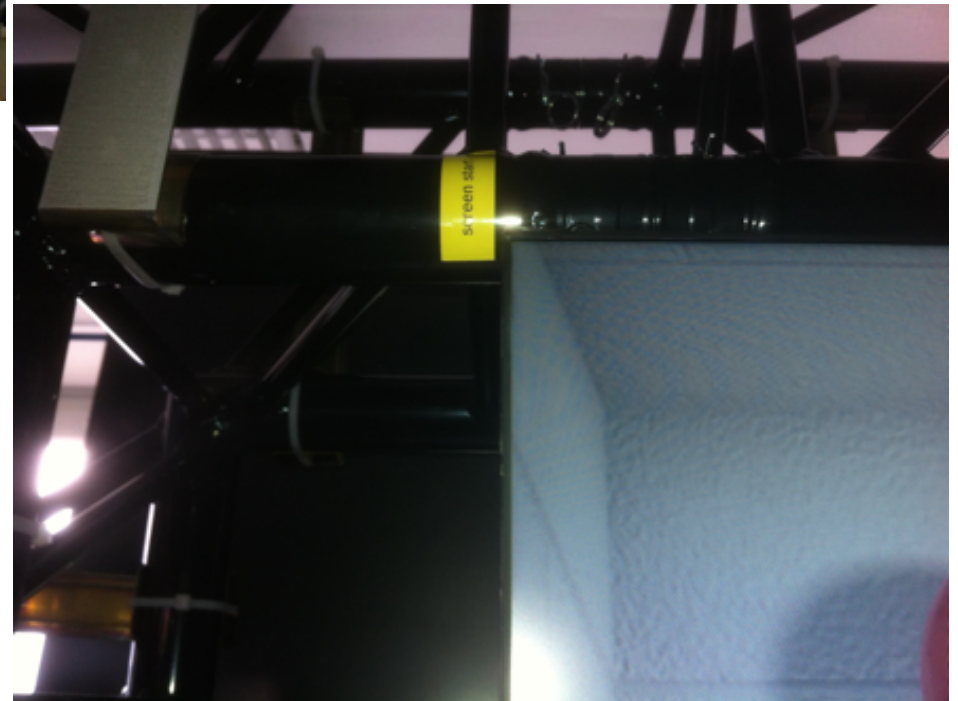
- The screens are inside the boxes -00 and -01.
- This type of screen with very narrow bezel is **VERY FRAGILE**.
- You should **NEVER put them on floor, or let them laying on back side or front side.**
- You have to take them from the boxes and **install them directly**.
- They are mark from 1 to 4

1	2
3	4

- In box -00 you have Screen 1 and 2
- In box -01 you have Screen 3 and 4
- Please install first the screen 1 and align it to the mark on the truss



Engage first the top part of the support



Then pulling the small cable engage the bottom part



## Secure Screens on position





# Installation of the video projectors







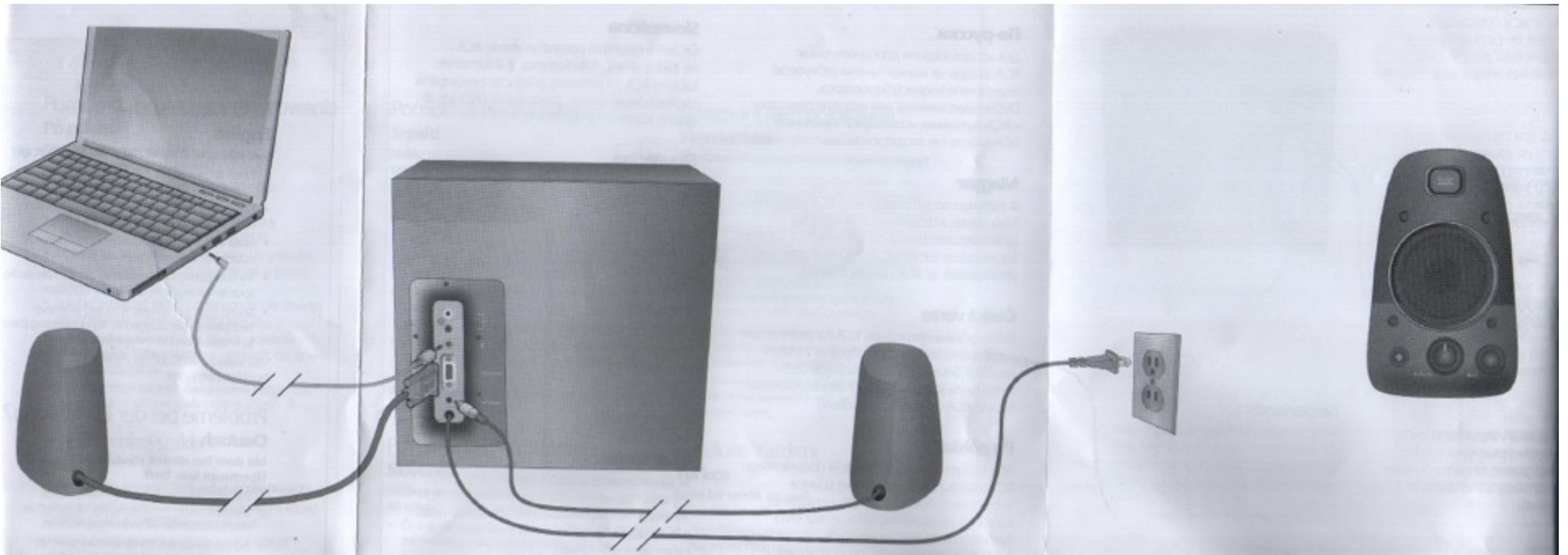
Kinect installation on right and left  
near the screen





# Pc and sound system

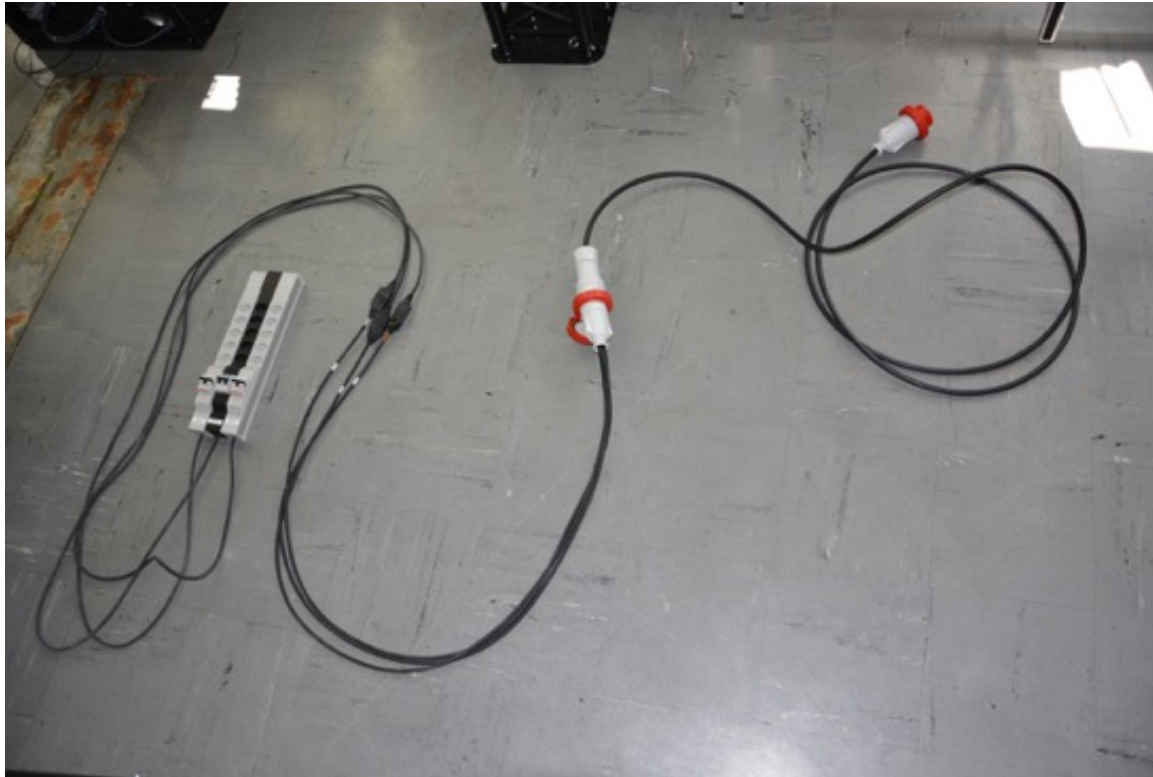
- Pc and sound system, router,
- have now to be install on the floor, below the screens



# Cabling

- Power cables
- Video cables
- Sound

Power have to be distributed on the 3 phases

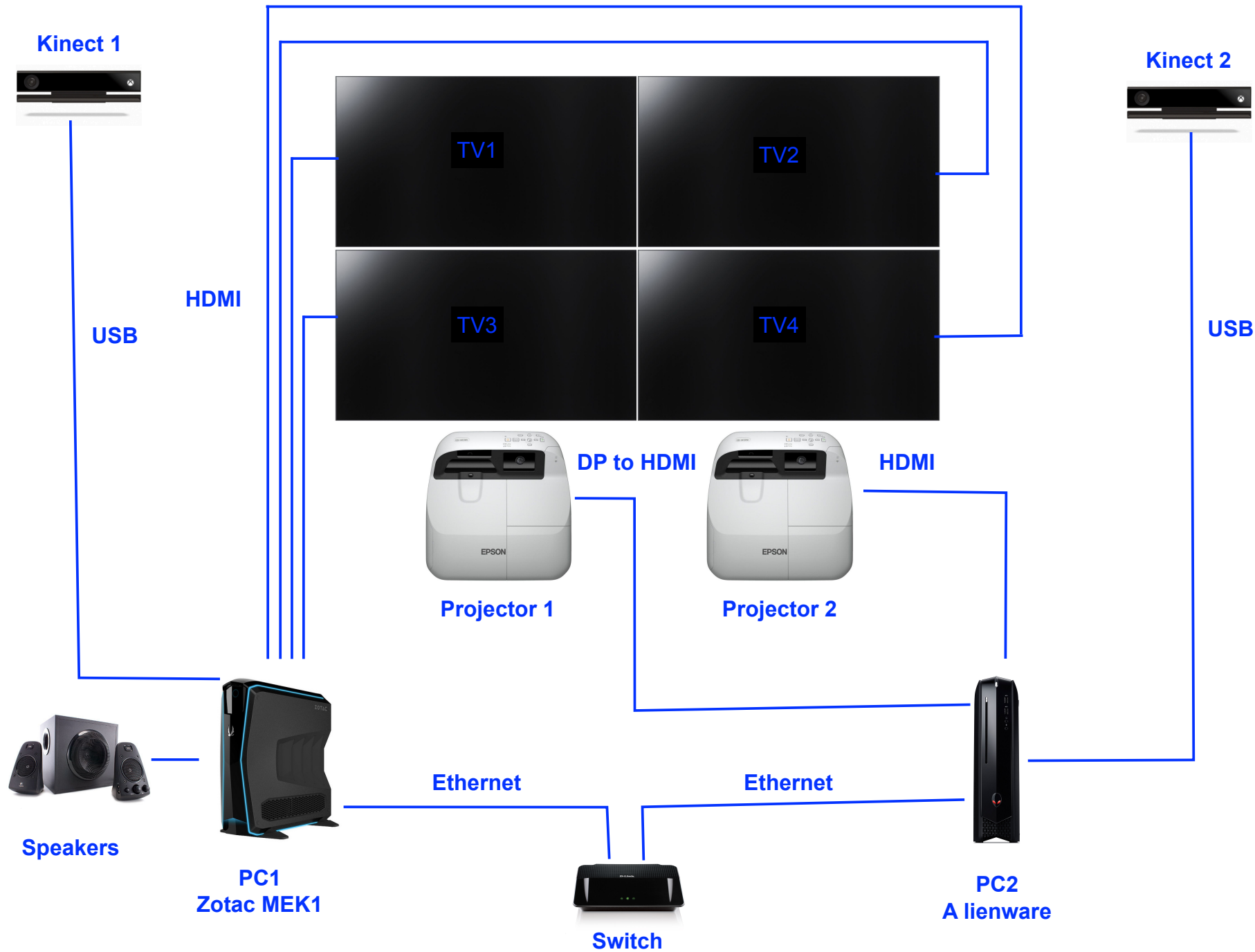






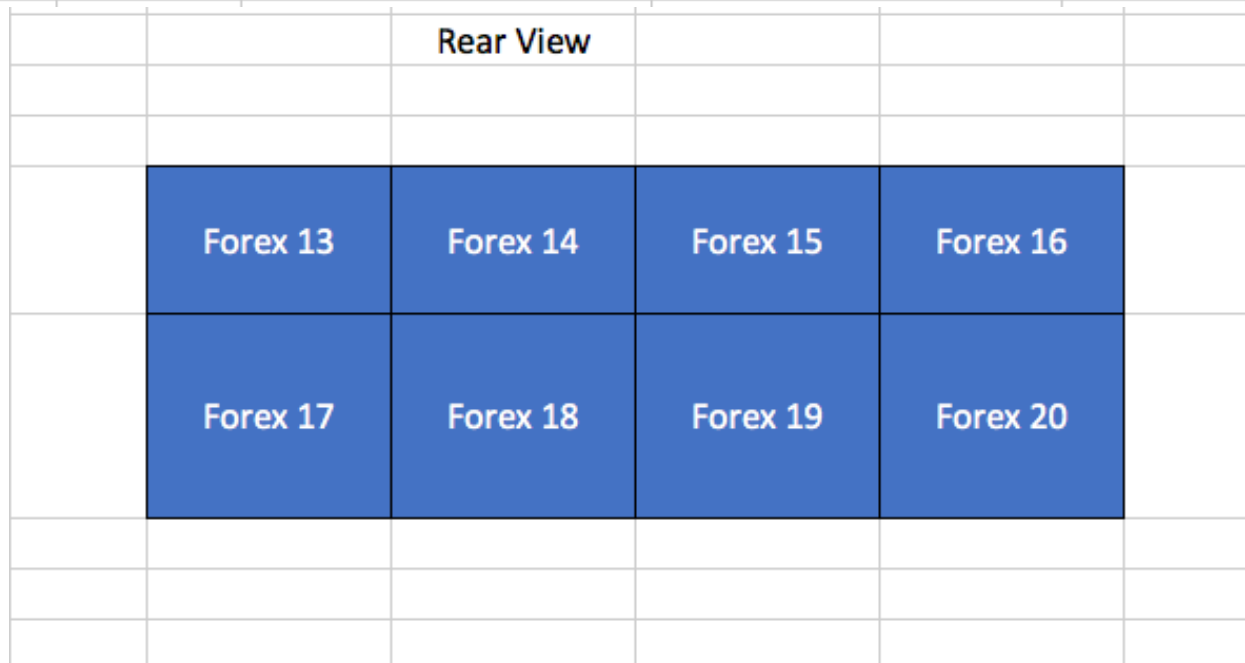
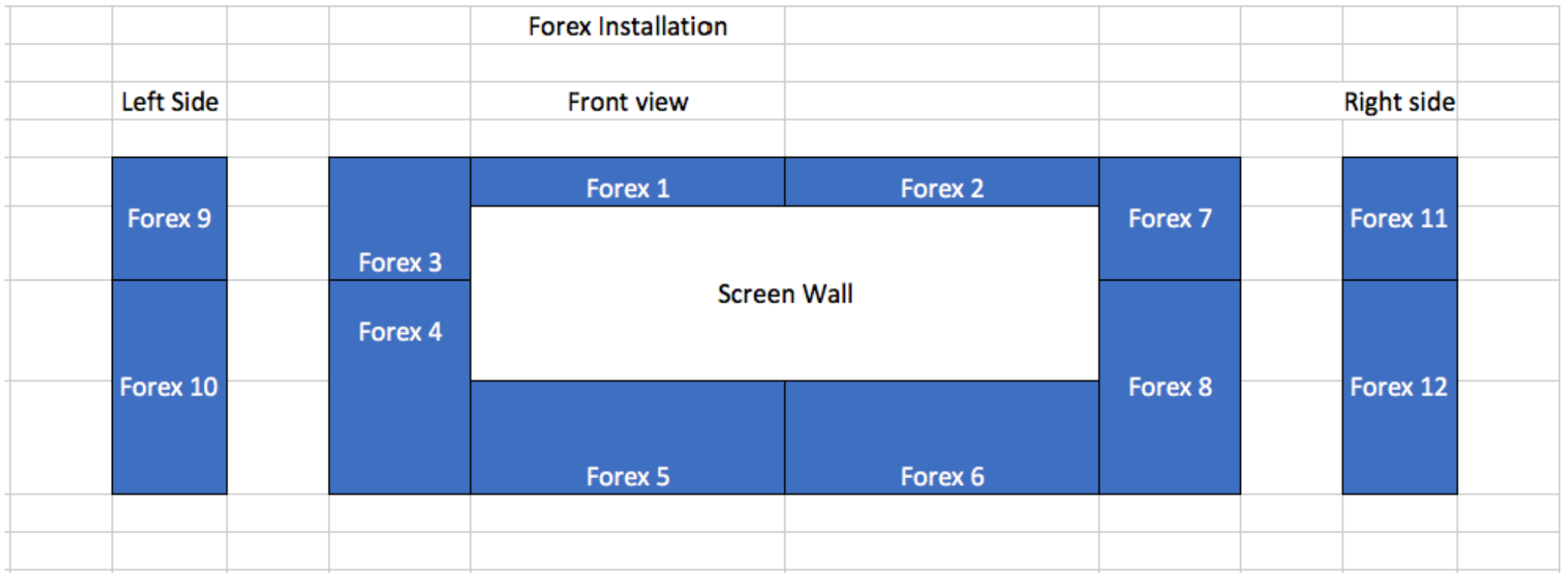






## Forex panels black cover installation











# Install CERN Forex Logo

