



DREAMOC XXL3 - ASSEMBLY GUIDE

VERSION 1.3 - ORIGINAL ASSEMBLY GUIDE



It is important to read this assembly guide before using the Dreamoc, and to follow advices and instructions on safety, operation and general use to get the best possible experience with your Dreamoc.

The Dreamoc is designed to showcase products and other objects in combination with free floating 3D video animations. Realfiction and Dreamoc are registered trademarks owned by Realfiction ApS.

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When receiving the Dreamoc

The Dreamoc XXL3 comes in sturdy transport cases (plywood) that holds all the different parts.

Please note that we cannot be hold responsible for any damage or failure that has occurred due to the use of third party constructed flight case or packaging. This limitation shall also apply if the original packaging has been altered in any way.

Package content



Additional items

1. Umbraco key set
2. Umbraco screwdriver
3. Keys for the display
4. Remote control / 2 x AAA batteries
5. Cleaning cloth
6. 4 x corner profile extensions
7. 12 x brushed steel profiles (three different lengths)
8. 8 x screen brackets
9. Top lid with ventilation holes
10. 4 x safety laminated Crystalline™ Optics
11. 4 x 43" LCD screens
12. Grounding cable
13. Assorted screws for assembling the display
14. White center stage plate
15. 4 x top side plates
16. 4 x bottom side plates
17. 4 x adjustable feet

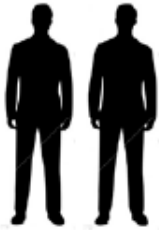
Tools you will need for assembling the Dreamoc XXL3

- Small flat screwdriver and Unbrako tools
- We recommend using safety gloves and suction cops appropriate for handling glass.
- spirit level



Setup time and persons needed

Setting up the display can be done by 2 persons in around 2 hours.



Assembling the Dreamoc XXL3

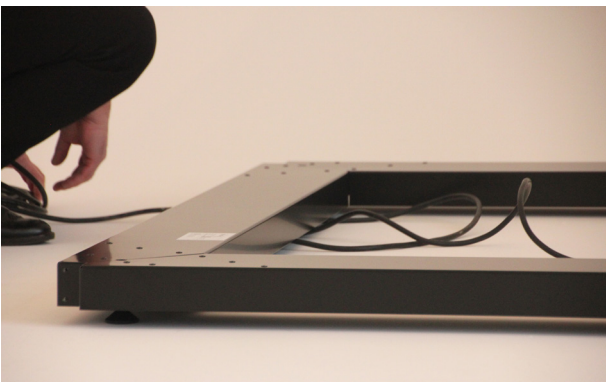
Please note to only use black screws for all parts of the assembling that faces downwards towards the optics.
This is to eliminate possible reflections from the screws.

Assembling the chassis

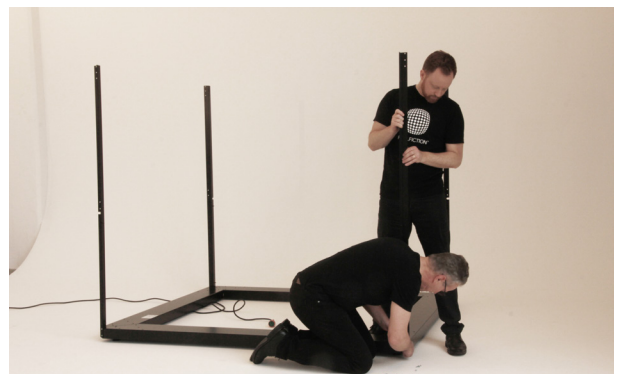
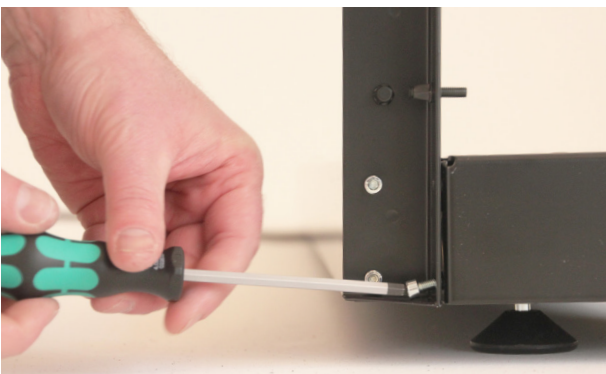
1. Take out the pre-assembled bottom section frame and mount the adjustable feet from below. Use the spirit level and adjust the feet in order to make the display correctly levelled.



2. Adjust the powercable underneath the bottom section frame



3. Mount the 4 corner profiles using 4 screws for each corner



4. Lift in centre section frame with the white plate facing up and the keyhole facing in the direction where you want the back door. Fasten the center section with 4 screws in each corner.



5. Mount the 4 support beams with 4 screws per beam. (2 in each side of the beam)



6. Lift in the top section frame so it sits on the support beams. Fasten it with 2 screws in each corner.

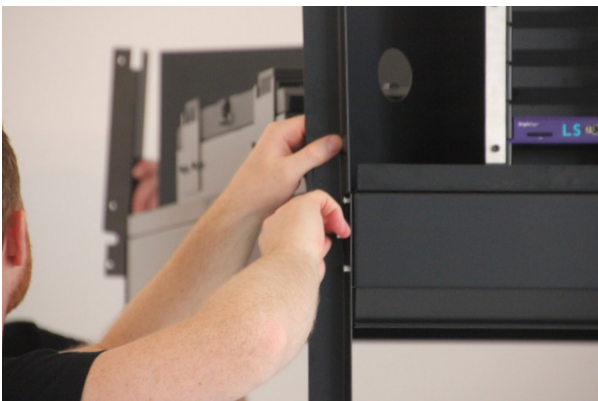


Mounting the picture engine

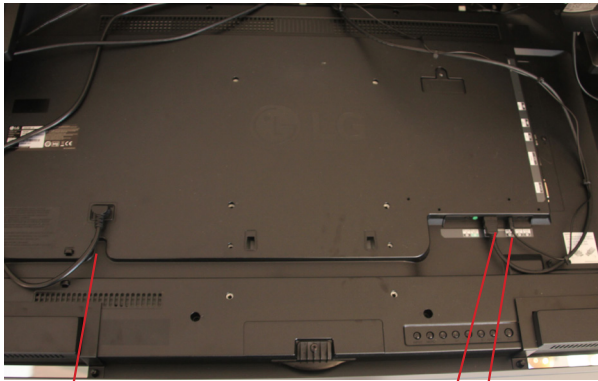
7. Place the four LCD screens, by lifting them onto the top section frame separately. Secure each screen with 2 bracket and fasten with 2 screws each. For the front and back of the display, the brackets are fastened from the top, and for the sides the brackets are fastened underneath the top section.



8. Attach the corner profile extensions with 4 screws.



9. Connect each LCD screen with the HDMI, IR (infrared) and power cable.



Power cable

HDMI cable IR cable



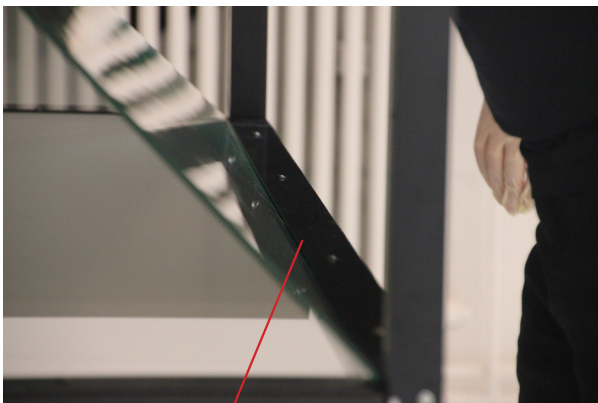
HDMI cable

IR cable

Mounting the optics

10. For each side of the display, slightly loosen the 4 screws on the support rail. This is to allow a bit of room between the optics to begin with, in order to fully adjust and push the optics together afterwards.

(Warning! beware not to loosen the screws too much, as the optics support rail will then slip off and not hold the glass optics in place.)

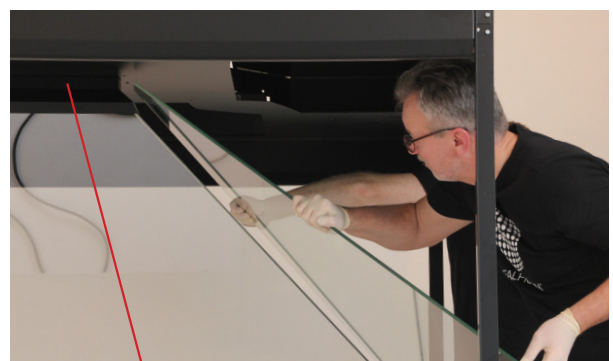


Support rail

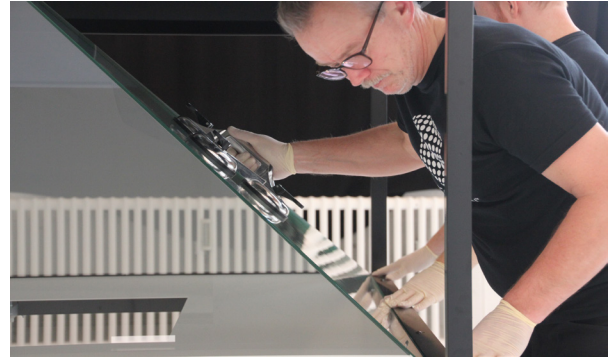


11. Gently lift each of the glass optics in place, by resting the top of the optics on the lamp housing, and then gently fitting them securely in place on the support rail. **We recommend using appropriate gloves and suction cups for handling glass.**

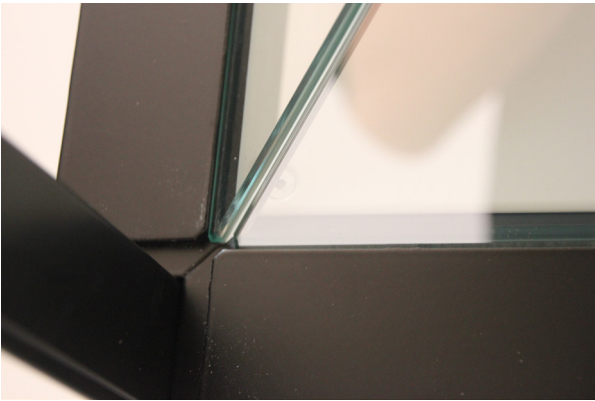
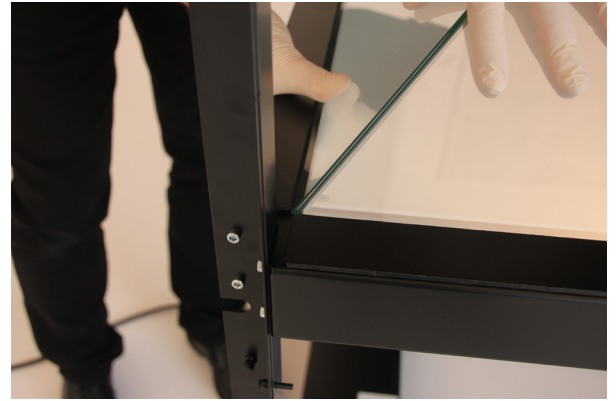
Important! Make sure to protect each corner of the optics when placing them on the support rail, to avoid damaging the optics.



Lamp housing

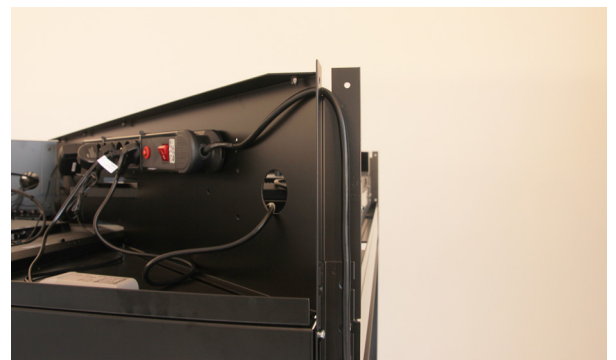


12. Complete by gently pushing the optics together to eliminate space between each of them. Secure by fastening the screws on the support rail to lock the optics in place.



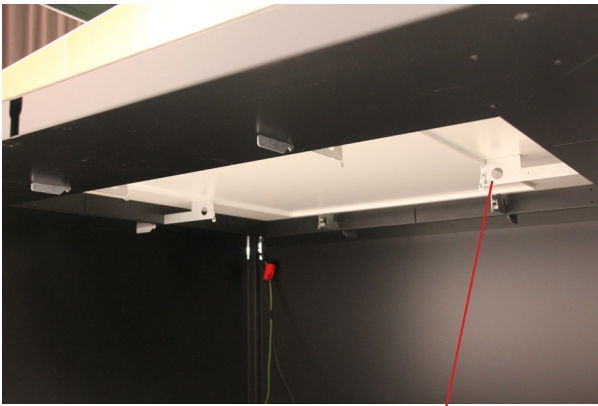
Grounding the chassis

13. Mount the yellow-green ground cable from the display chassis to your appropriate electrical installation ground. Then adjust the placing of the power cable, so it runs vertically down the support beam.



Placing the white center stage

14. Place the white center stage platform by first opening all the stage arms underneath the display.



Stage arm

15. Then mount the center stage platform from below and lock the arms in place to secure it.

When placing a physical object inside the display, we recommend being two persons.



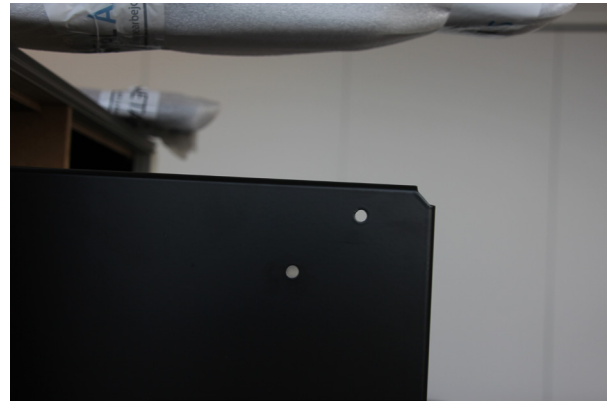
16. Turn on the display and check that all four sides are playing the pre-loaded test content.



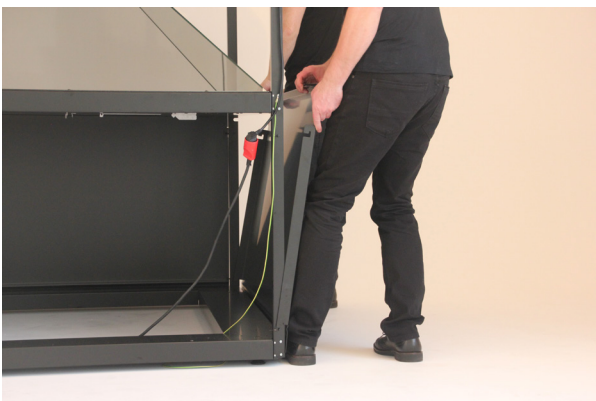
If you plan on applying branding foil to the display, this should be done at this stage before attaching the side plates. We recommend applying the branding foil while the side plates are lying on a protective surface on the floor.

Attaching the side plates

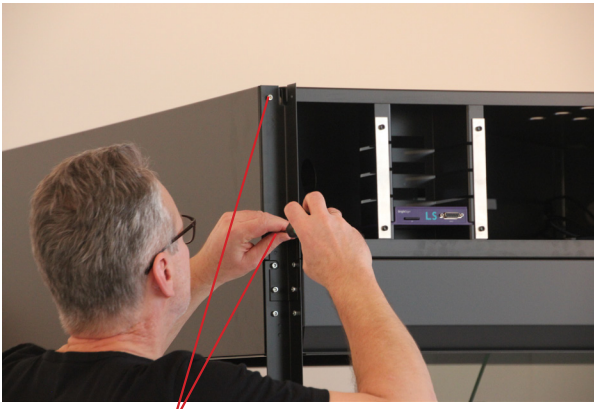
17. Place the top lid on the display by gently lifting it in place, to fit the top section of the display. Make sure that the 2 holes in the top section frame matches the 2 holes in the top lid. Secure the top lid with 2 screws.



18. Mount the 4 side plates for the bottom part of the display, by lifting in the lower part first and then hinging them in place to secure.



19. Then mount the 4 side plates for the top part of the display, and lock these in place with 4 screws each for the front and the sides of the display, and only mount the 2 screws on top for the back of the display, so you can easily lift up the plate to access the power switch, light setting and change video content.



Front + sides: mount 2 screws on each end of the plate (4 in total per plate)



Back of the display: only mount 1 screw

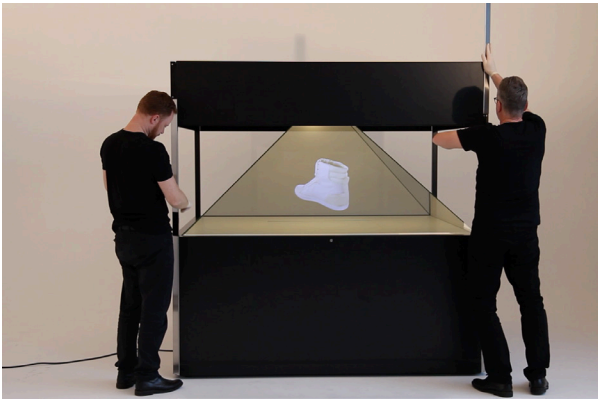
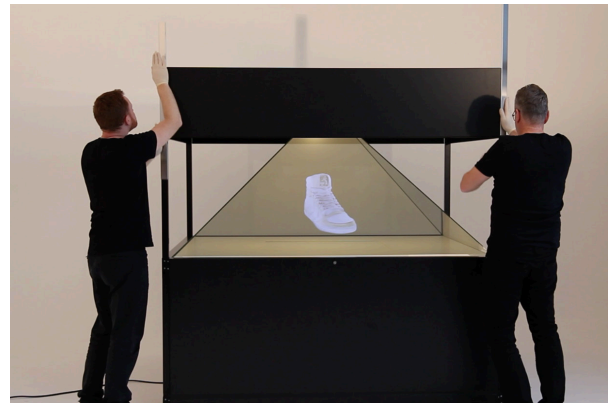
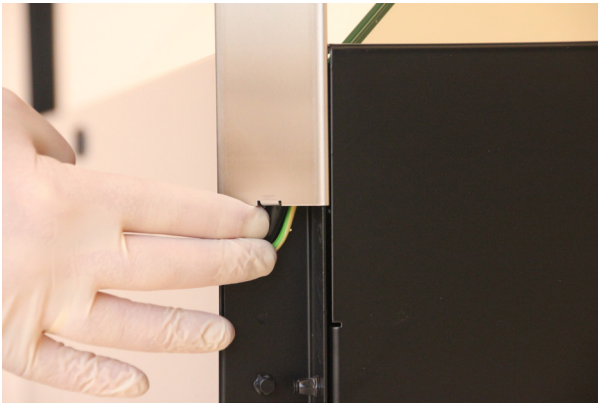
Sliding on the brushed steel profiles

20. Attach the brushed steel profiles for the corners to finish the assembling. There are 3 different lengths for each corner. Remember to first remove the protective foil.



21. Begin by sliding down the longest steel profile first, all the way from the top and down to the bottom of the display. Make sure that the angled tap is facing downwards. Then take the second longest profile and finish with the shortest. **Warning! For the corner where the power and grounding cable is placed, make sure not to damage the wires.**





Assembly is now finished. Please see the user manual for how to operate the display.



Magic Matters



For further information and pricing please contact Realfiction
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