

# Calm Machine

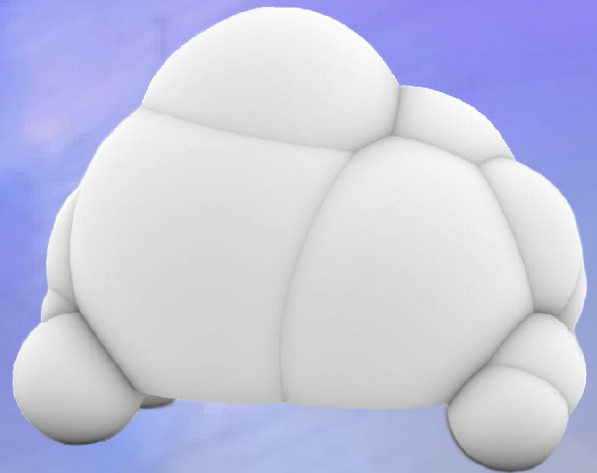
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**Calm Machine** is an interactive artistic tool combining sound and light designed to soothe young autistic children. These children often attend specialized institutions for their education and can be hypersensitive, excited, and nervous. Educators are looking for new ways to help these children reduce their physical and emotional stress.

## How does it work ?

Functioning of Calm Machine involves connecting and disconnecting eight modules to create a calming sound and light ritual. The enveloping sounds act as a body blanket to help alleviate tensions. Calm Machine is connected to a Phantom II Devialet speaker through Bluetooth, providing a high-quality, disturbance-free sound experience for a return to calm.



"We use the Calm Machine for a moment of calm at the end of the day. The machine captures the attention of the children, soothes them while working on their patience. The teaching staff and the children look forward to this enchanted break. This machine is an indispensable tool at the Decroly Institute." V.Rosier, Director of the Decroly Institute.

**lioil.Studio** is a design studio founded in 2022 in response to the demand for offering a new way of listening to music. We continuously work on designing interactive sound and light machines that cater to the specific needs of our clients.

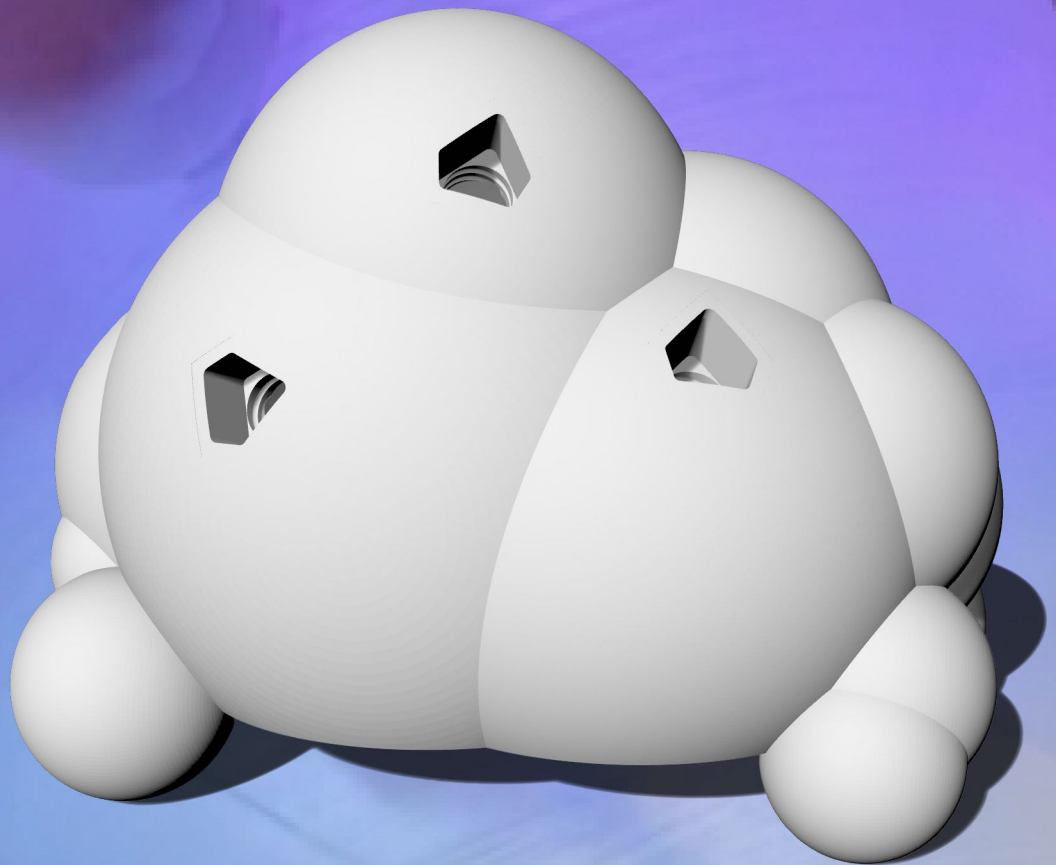
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Calm Machine  
lioil.Studio  
19 x 29 x 23 cm  
2022

2 x 3D Printed PETG part  
13 x 3D Printed PETG modules  
1 x Raspberry Pi 4 Model 2 4Gb  
1 x Power Supply Raspberry 5V  
1 x GPIO Terminal  
1 x HDMI extender  
1 x Led strip  
3 x Isolation tube  
3 x Electrical wire  
2 x USB Splitter  
8 x USB Extender  
13 x USB Stick 8Go  
12 x Screws

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