

Cosmic Girl Bitsy Makey Makey Documentation

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With Makey Makey, I made footpads that allow players to move the avatar accordingly. I essentially wanted to make a simpler version of Dance Dance Revolution machine.



(source:

<https://cdn3.volusion.com/7rady.5uar9/v/>

[vspfiles/photos/DDRPIU-SUPER-2.jpg](https://cdn3.volusion.com/7rady.5uar9/v/vspfiles/photos/DDRPIU-SUPER-2.jpg)

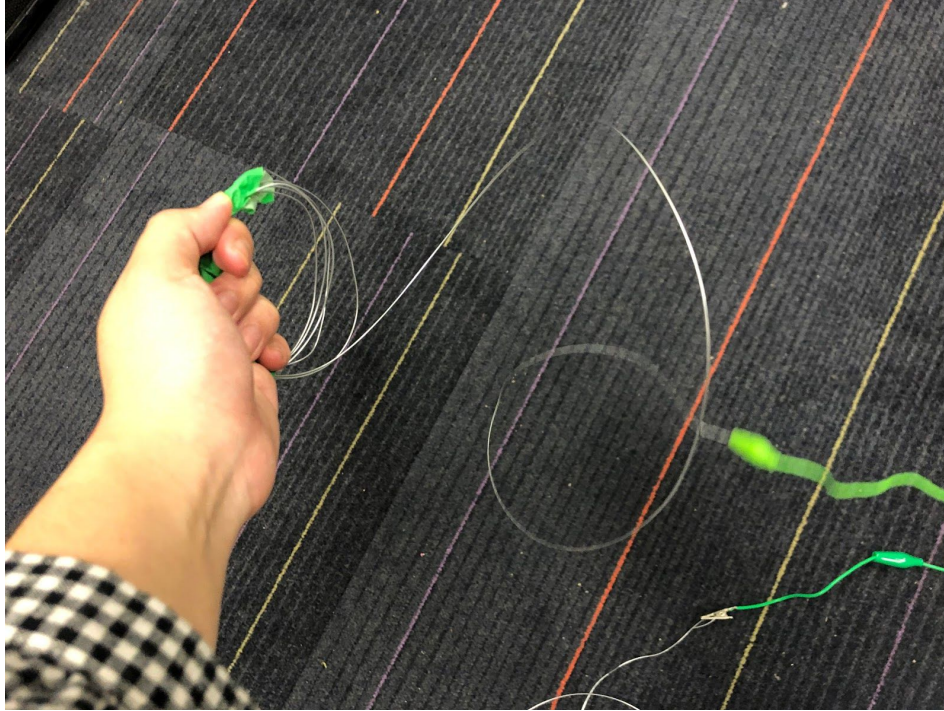
?1506944713)

Overall setup:



The setup consists of:

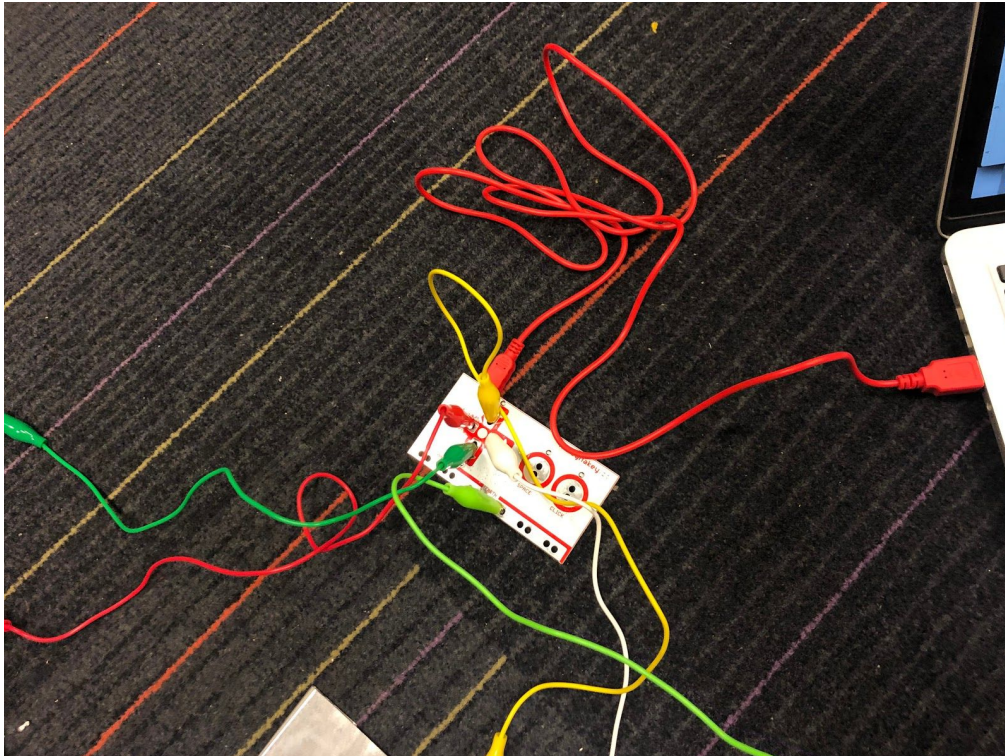
- Handle. This is connected to the ground so you must hold the handle at all times to play the game.



- Footpads. Each arrow indicates the direction you can move the avatar to. You step onto these footpads to move the avatar to the direction you'd like.



- Makey-Makey. Each footpad is connected to the corresponding key on the Makey-Makey. The ground is connected to the handle.



How to play:

After all the alligator cables are connected to the correct directions and the ground is connected, plug the usb cable into the laptop and gently step on the footpads to move the avatar. (works with socks on!)

Extra info:

- Make sure that the footpads aren't touching each other.
- I used aluminum metal sheets for the footpads.