

How to share Stern IC reader with other games.

Prerequisites:

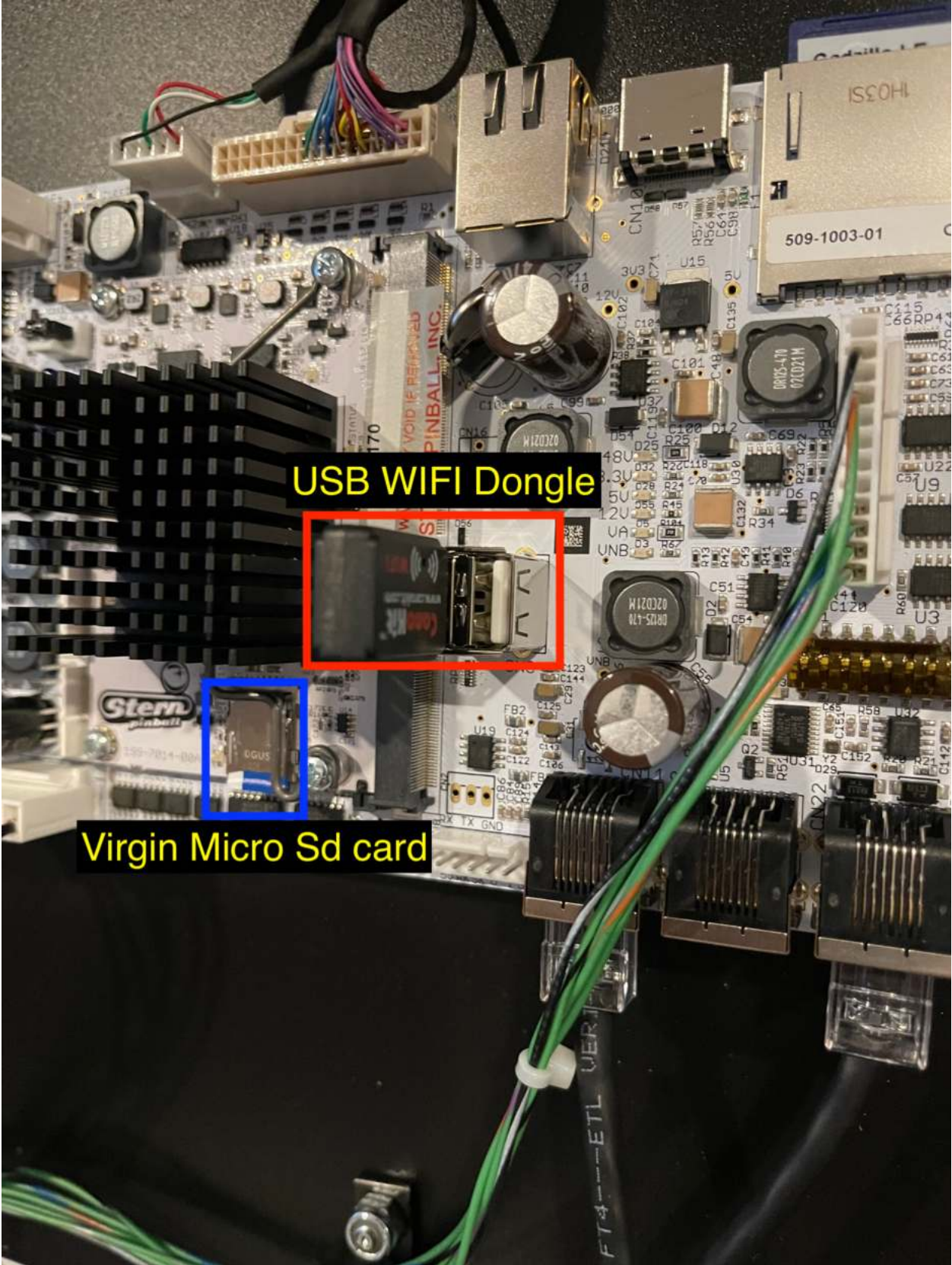
- Updated Stern Game with code that supports Insider connected.
- 1x [Wifi dongle](#) / games: I use the same one that stern use with IC games
- 1x [16gb micro sd card](#) / games
- Rj45 cables with length that fit your need.
- [RJ45 Splitter with physical Selector Switch](#)
- Rj45 cable extender (optional)

Main concept:

On the main game that has the QR reader, we're going to split the signal that connects directly the QR reader to the NODE board of the game so the scanner can be connected on multiple games without moving physically the QR Scanner.

Steps:

1. Update the game to a version that supports the Stern IC
2. Be sure to turn off both pinball machine.
3. Connect the WIFI dongle to the Stern Spike 2 Board on a USB Slot
4. Insert the virgin 16 gb micro SD card to the BeagleBone on the Spike 2 board

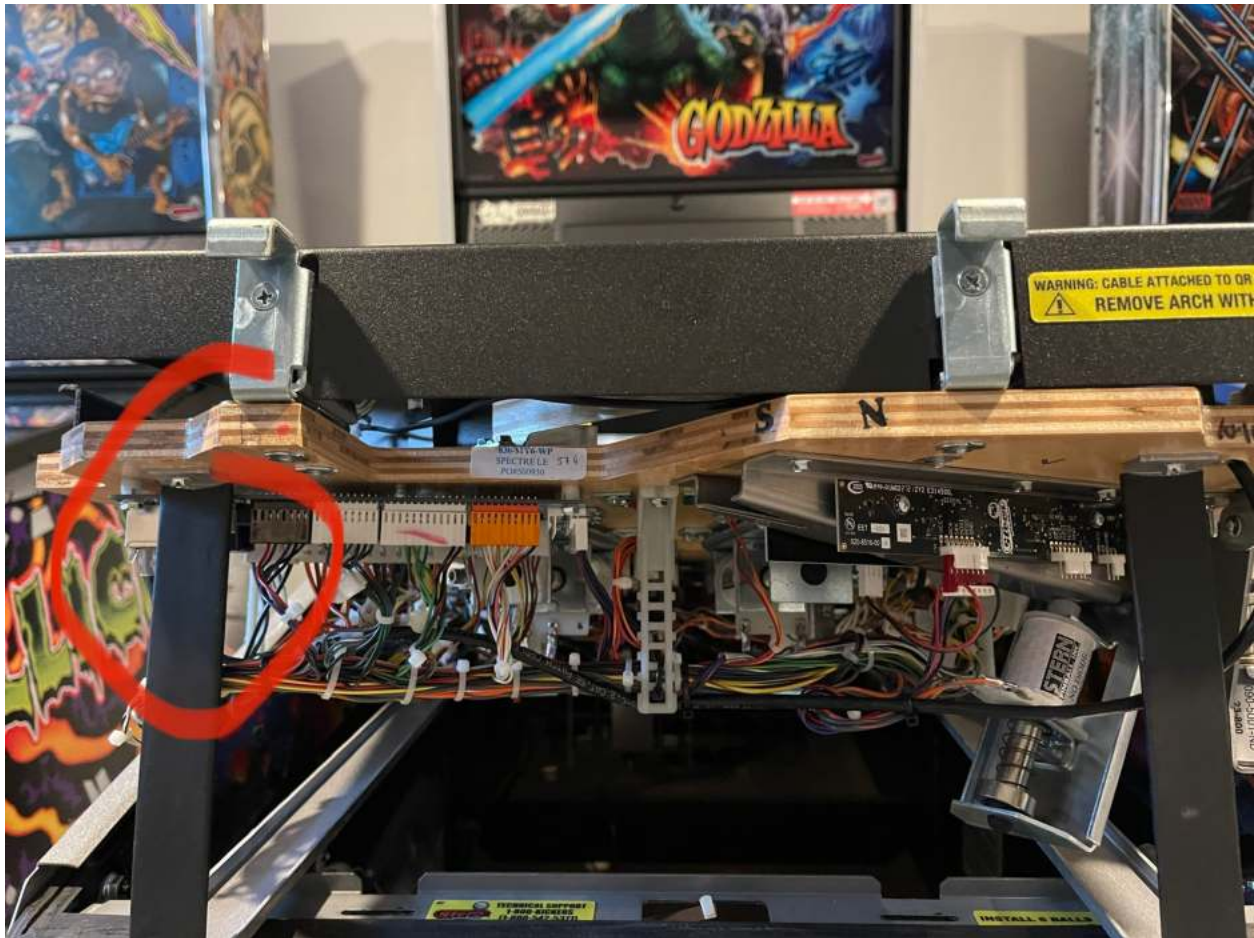


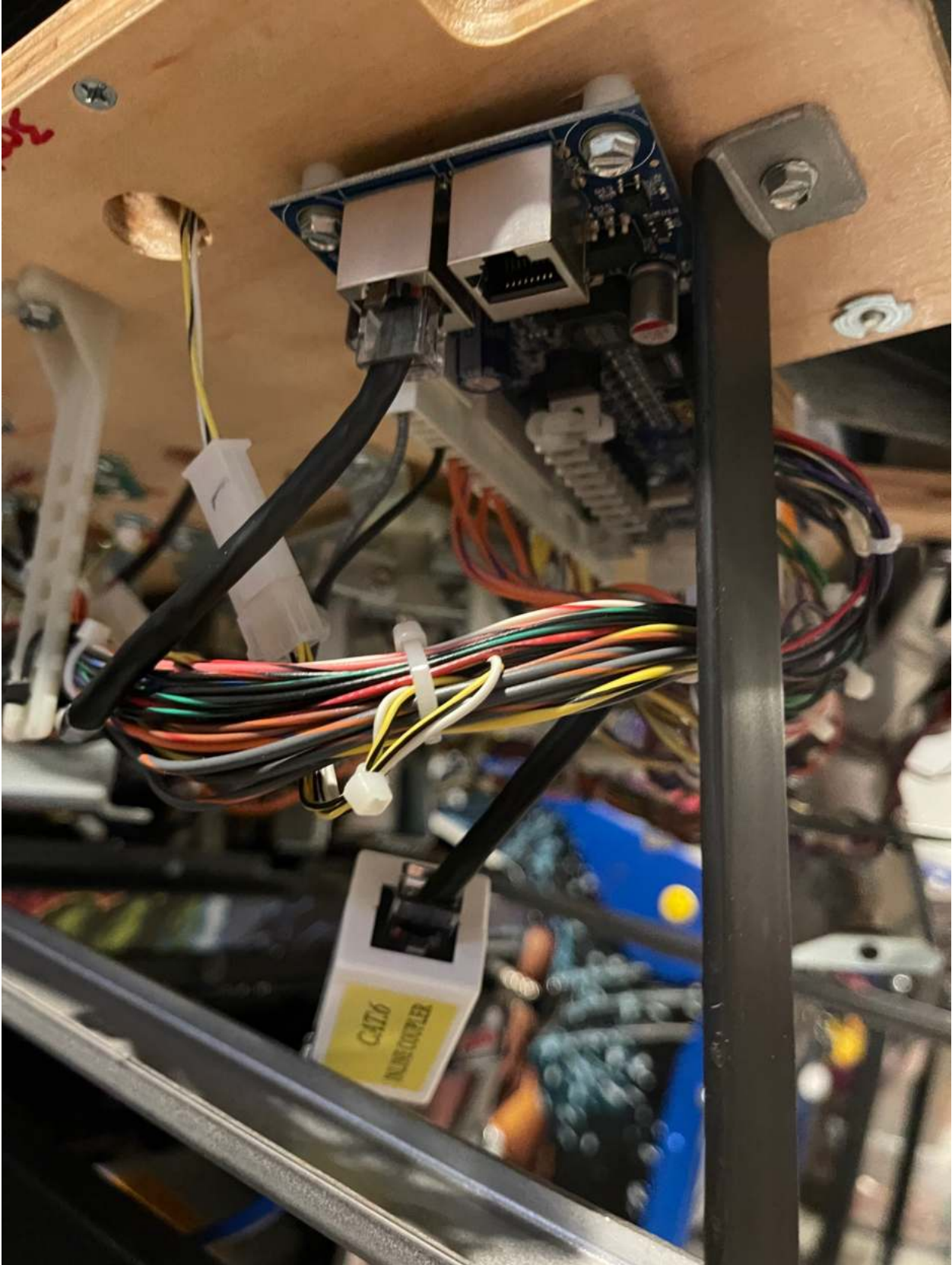
USB WIFI Dongle



Virgin Micro Sd card

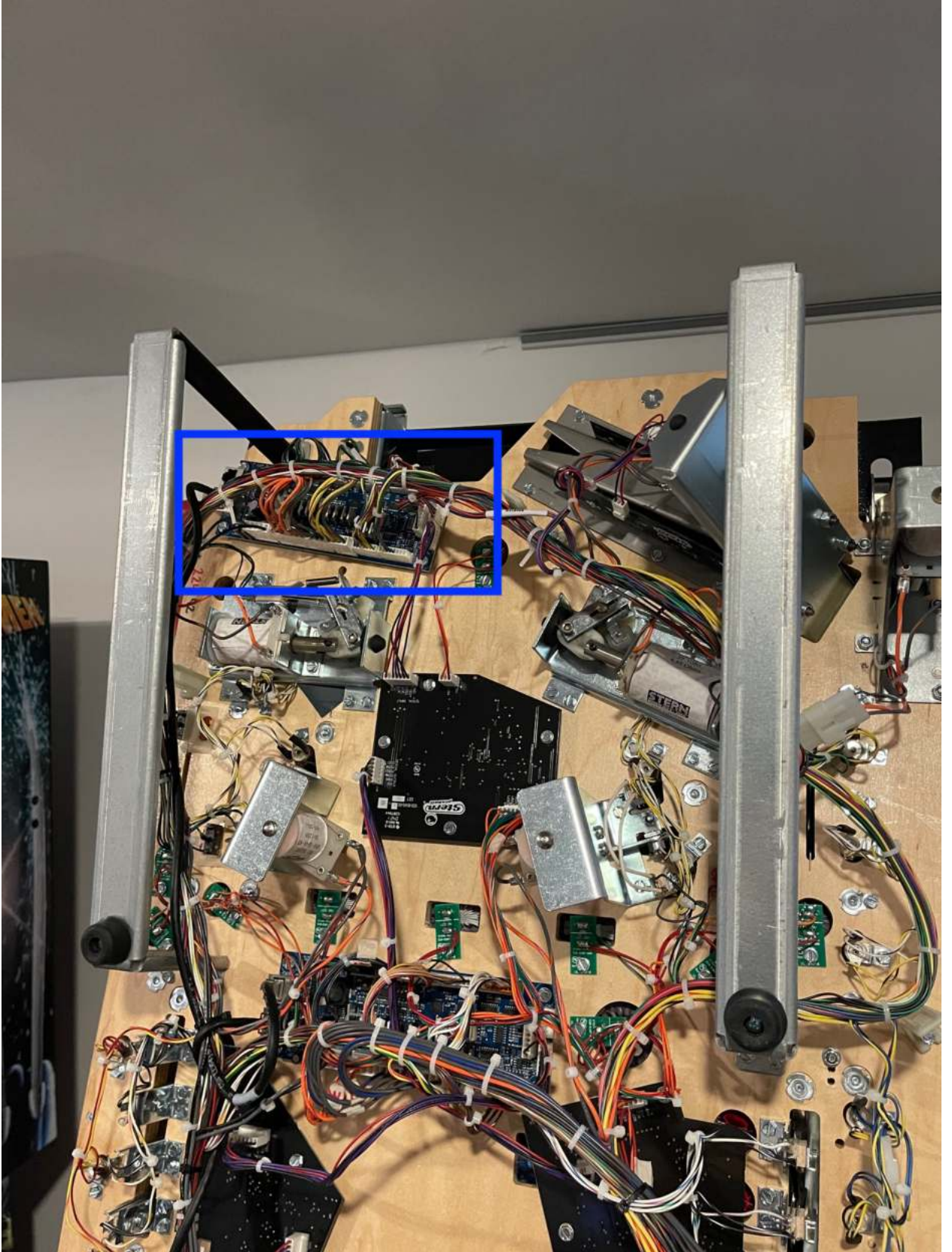
5. On the main game that has the QR reader disconnects the cable of the node 4 and connects the black cable to the in/out port of the rj45 selector switch (you can use an rj45 cable extender if the cable is too short for your need).

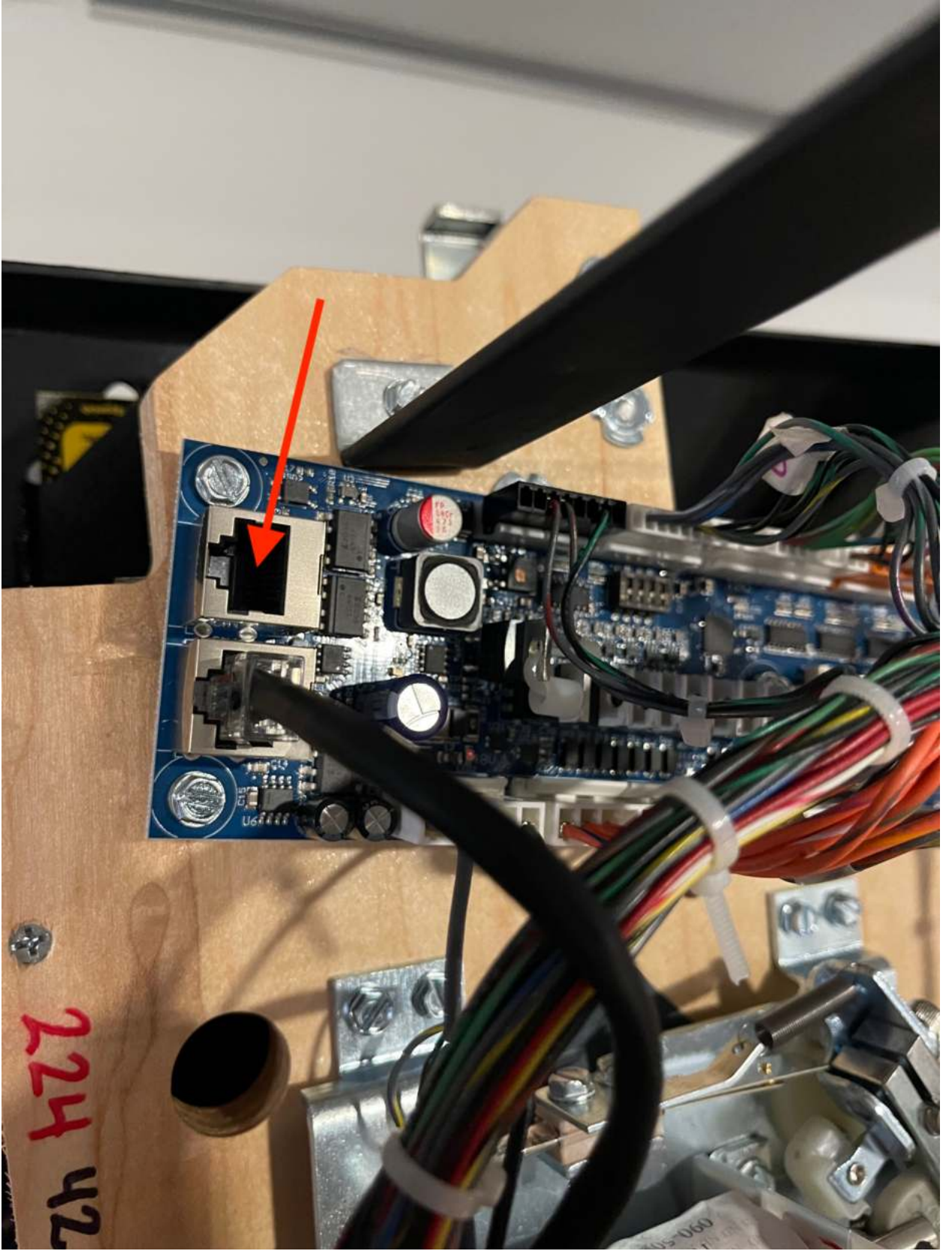






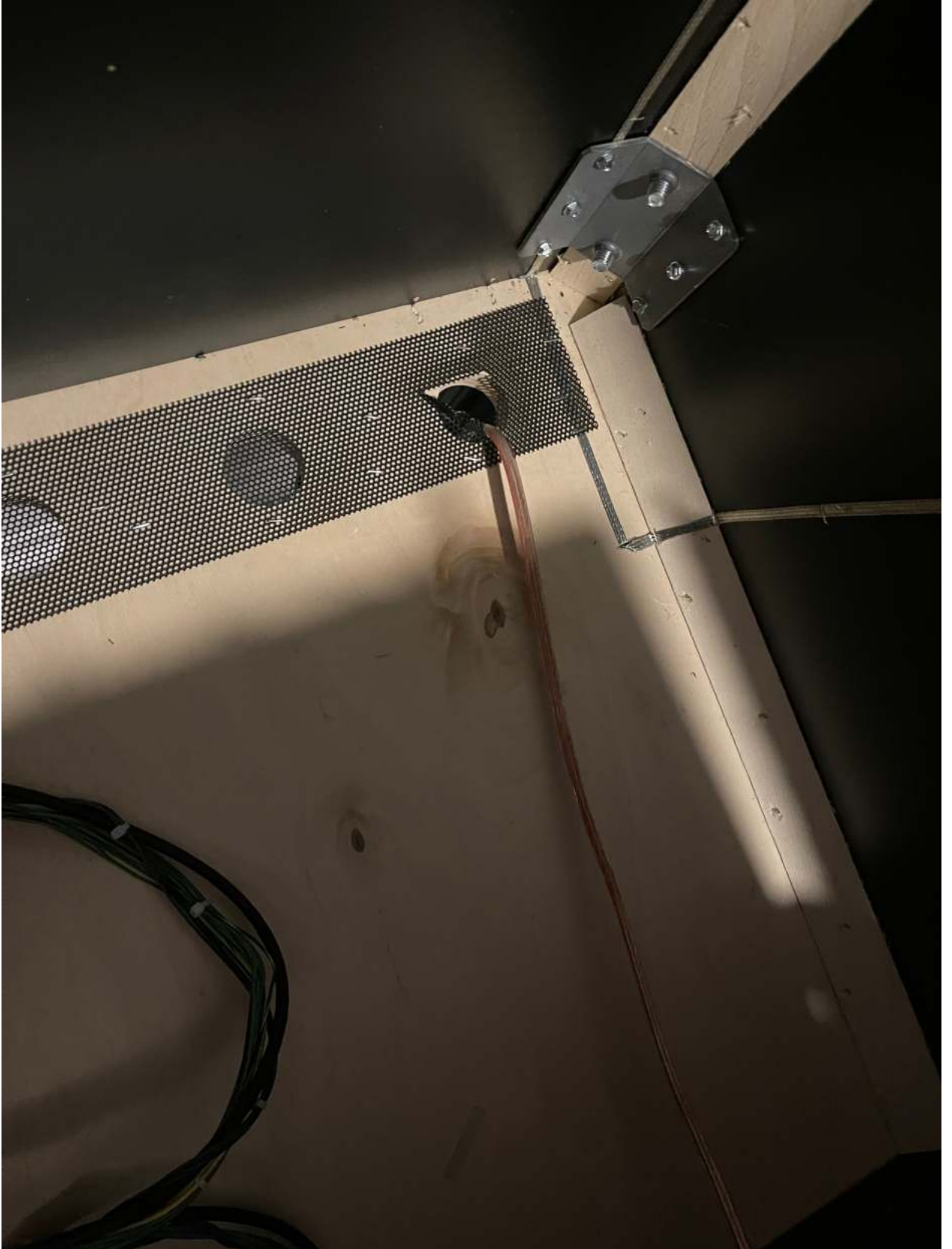
6. Connect an rj45 cable to node 4 and connect it to one of the available slots on the selector switch



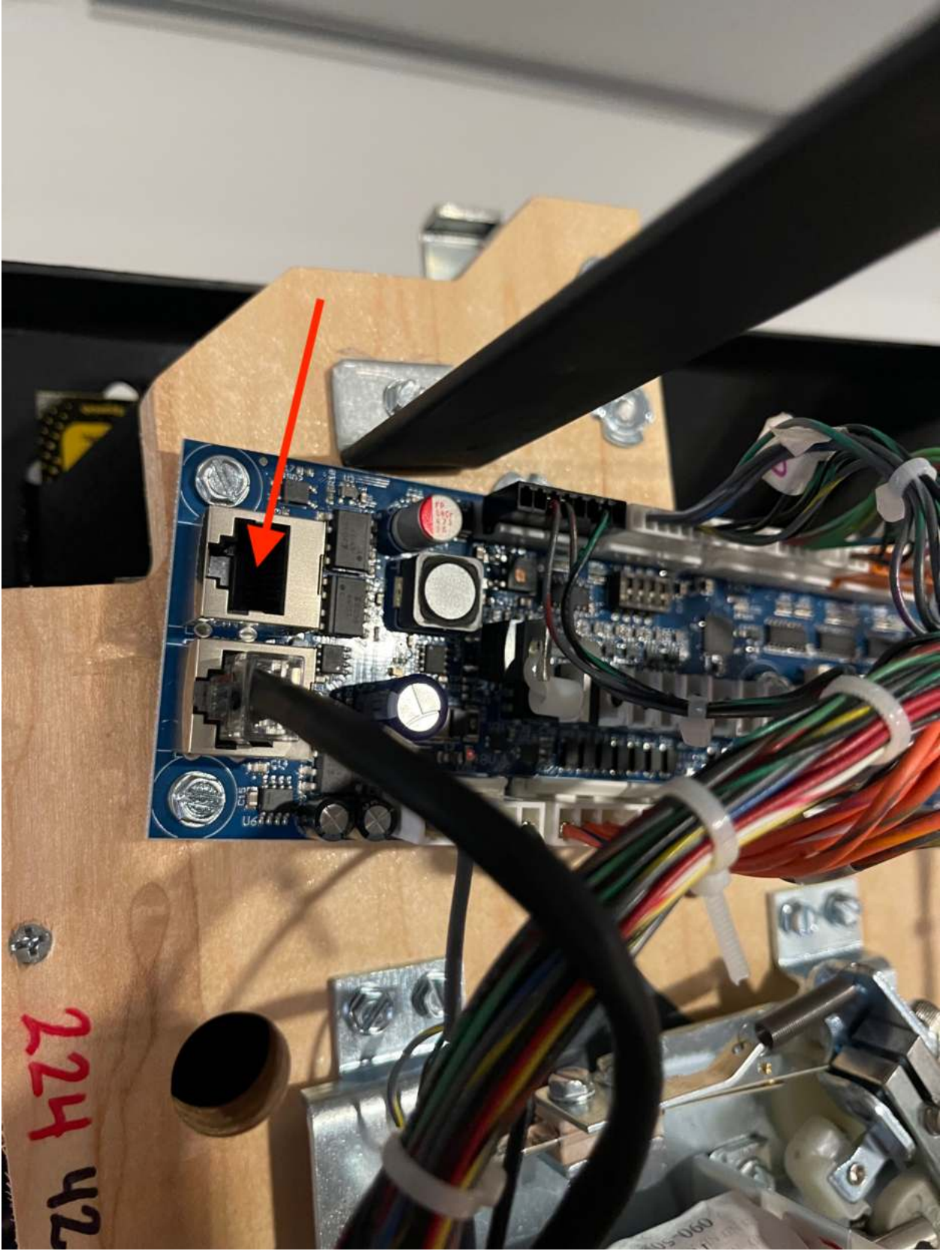




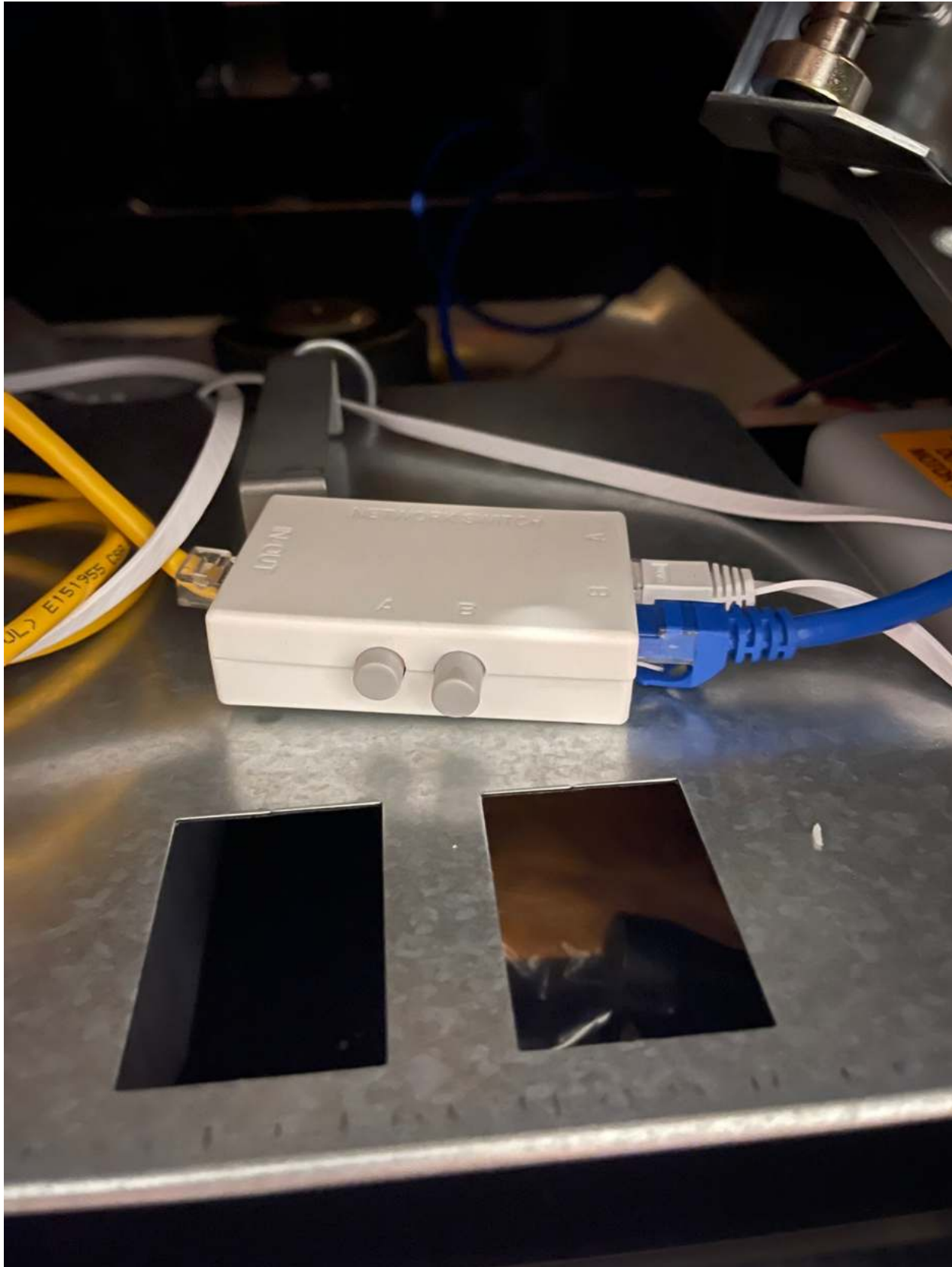
7. Plug a second rj45 cable to another slot on your selector switch and pass the cable through the cabinet (I use the hole that is in bottom of the cabinet)



8. Pass the cable inside the secondary game and connect it to the node 4.



9. Ensure that your physical rj45 switch is properly set on the second game (in my case it's A)



10. Power up the game and voilà follow the steps to register your games on IC connected and enjoy the achievements .



PRESS START

FREE PLAY

 JUL JOULE	 PLAYER 2 WAITING TO JOIN LOG IN NOW	 PLAYER 3 WAITING TO JOIN	 PLAYER 4 WAITING TO JOIN
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FLIPPER BUTTONS MOVE SELECTION

HOLD FLIPPER BUTTON TO LOG OUT

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