



## Open Logic Sniffer box including aligned wing board



fjkraan

[VIEW IN BROWSER](#)

updated 20. 2. 2024 | published 20. 2. 2024

### Summary

The Open Workbench Logic Sniffer is a useful tool, certainly with the wing extension. This is a cool box for it.

[Learning](#) > [Engineering](#)

Tags: [logic](#) [analyser](#)

The Open Workbench Logic Sniffer ([https://www.seeedstudio.com/Open-Workbench-Logic-Sniffer-p-612.html?](https://www.seeedstudio.com/Open-Workbench-Logic-Sniffer-p-612.html?queryID=b9b3c1a90d4e53bd93ce2db349053085&objectID=1928&indexName=bazaar)

[queryID=b9b3c1a90d4e53bd93ce2db349053085&objectID=1928&indexName=bazaar](https://www.seeedstudio.com/Open-Workbench-Logic-Sniffer-p-612.html?queryID=b9b3c1a90d4e53bd93ce2db349053085&objectID=1928&indexName=bazaar) is a very useful tool, but the standard configuration has the wing sticking out sideways, making it even more fragile. This box aligns the wing pins and protects the boards against shorting and damage.

The wing allows +5V signals for the channels 16 to 31 to interface with the OWLS ([https://www.seeedstudio.com/Logic-Sniffer-16-bit-Input-Buffer-Wing-p-721.html?](https://www.seeedstudio.com/Logic-Sniffer-16-bit-Input-Buffer-Wing-p-721.html?queryID=47a577da3824cc0205715ca83b7f3c65&objectID=1848&indexName=bazaar)

[queryID=47a577da3824cc0205715ca83b7f3c65&objectID=1848&indexName=bazaar](https://www.seeedstudio.com/Logic-Sniffer-16-bit-Input-Buffer-Wing-p-721.html?queryID=47a577da3824cc0205715ca83b7f3c65&objectID=1848&indexName=bazaar) Default it sticks out sideways for this case the connectors are replaced by wires, allowing the channel pins to be aligned with the base board channel pins.

This box is an application of my <https://www.printables.com/model/472419-unibox> library.

The Logic Sniffer is supported by <https://github.com/GadgetFactory/OpenBench-Logic-Sniffer> (GUI) and [https://sigrok.org/wiki/Main\\_Page](https://sigrok.org/wiki/Main_Page) (cli).

## Model files



### **snifferinternalcaseparts1wingbase2.stl**

☐ Keeps the win pcb in place

---



### **snifferinternalcaseparts1base2.stl**

☐ Keeps the OWLS board in place

---



### **owlsbox.scad**

☐ Code for the box halves and panels

---



### **camfercube.scad**

☐ Library used for the box

---



### **owlsboxinternalcaseparts.scad**

☐ Code for the internal pcb support

---



### **screwshapes1.scad**

☐ Library used for the screw holes

---

## Other files



### **owls\_channels.pdf**

☐ Channel numbers on a 0.1" pitch (when printed at 100%)

# License ©

This work is licensed under a  
**Creative Commons (4.0 International License)**



## Attribution

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition