

USB-C Transmitter Box Update for Wireless Bento Box Air Purifier for X1C/P1P



Areson

VIEW IN BROWSER

updated 29. 1. 2024 | published 29. 1. 2024

Summary

Adjusted the Bento Box transmitter case to support a different wireless charging coil that works for 24v fans.

[3D Printers](#) > [Bambu Lab Parts & Upgrades](#)

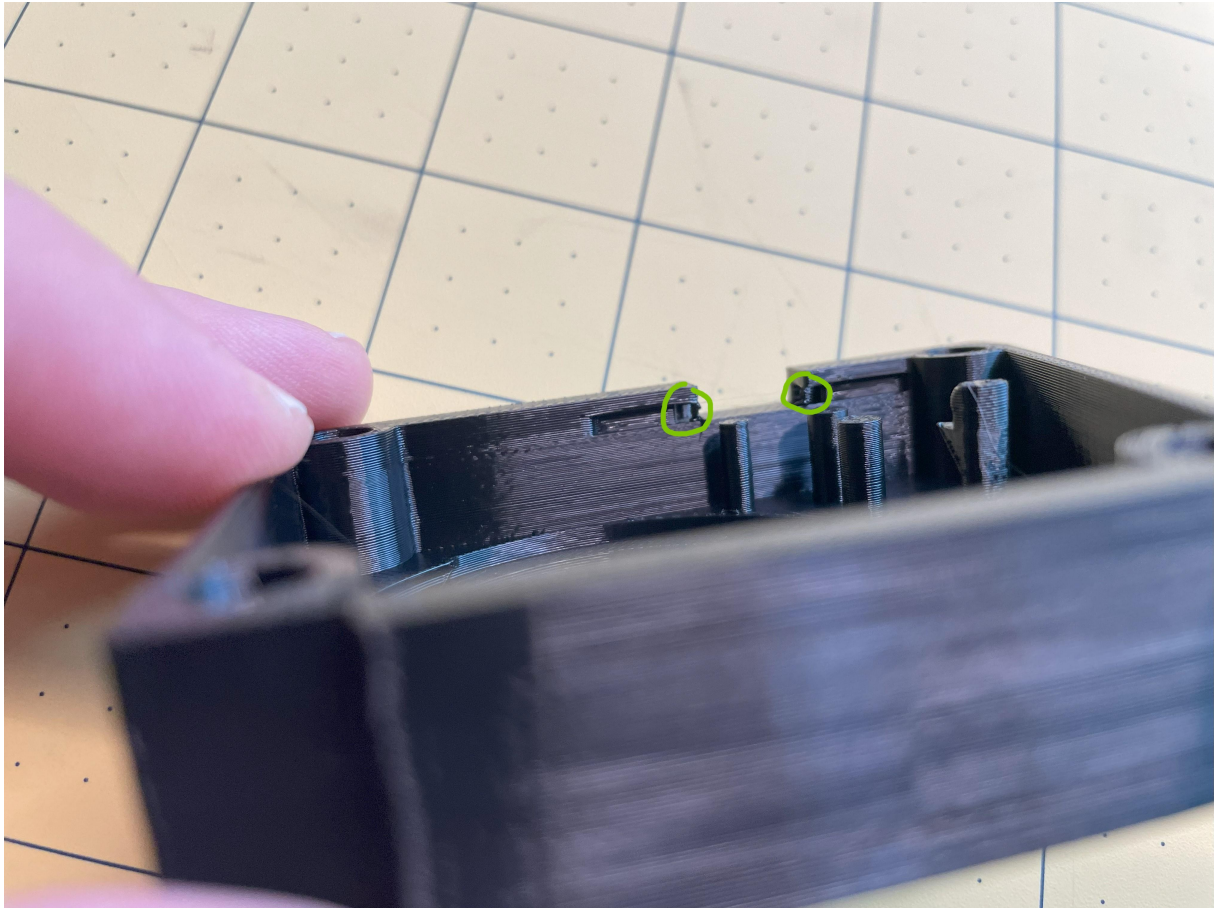
Tags: [wireless](#) [bento](#) [bentobox](#) [bambu](#) [bambulab](#) [x1c](#)

This is a remix of **emcee1111's** [transmitter box](#) to support this USB-C based charging coil: <https://www.amazon.com/dp/B09FLCMGV9>. The original charging coil listed for the Wireless Bento Box doesn't appear to work well with 24v fans. Based on my testing the above charging coil works very well. The wires connecting the coil and the circuit board were a bit short so I had to add a short extensions.

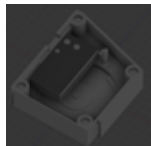
This remix also includes an update to **CerialPhreak's** [coil support](#), with an added retention clip to help when a USB-C cable is inserted into the port.

I recommend adding two small supports under the corners of the notches to help. The included 3MF file has these in place. The print settings are

tuned for PETG due to the temperature that the coil can produce.



This remix is based on



Bento wireless transmitter coil support

by CerialPhreak



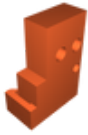
Transmitter Box Update for Wireless powered Bambu Lab Bento Box Air Purifier for X1C / P1P

by emcee1111

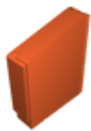
Model files



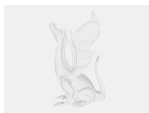
transmitter-box-v2-usbc.3mf



supportblock.stl



transmitterbox.stl



transmitter-box-v2-usbc.step

License



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

Attribution—Noncommercial—Share Alike

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