



## AUXILIARY BAMBU LAB P1P - P1S - X1 - X1C CHAMBER LED 21cm



Engineering Projects

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updated 7. 12. 2023 | published 7. 12. 2023

### Summary

PRINT WITH PETG, ABS , PC , ASA , PA6 , PET-CF or PAHT-CF

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Tags: [light](#) [led](#) [chamber](#) [x1](#) [ledbar](#) [x1c](#) [p1p](#) [p1s](#)

I design this secondary chamber LED bar (it reflects the original design),so you will have more lights inside the chamber without needing to print a riser.

To light up the LED bar you can use jumpers to connect it to the original 2 pins connector **OR** buy the same 2 pins connector than connect it to the board (I RECOMMEND THIS CHOICE) **OR** solder the cables of the new LED bar to a USB port and connect to a power bank , as example.

There are 6 different lenses: P1P , P1S , X1 , X1C , 1 BLANK and 1 with the Bambu Lab logo.

When you open the .3MF file of the lenses , you see 6 beds and 6 lenses, you must choose the one you want to print for your printer. You can't never go wrong , it's simple.

The total length is 210mm, it cannot be longer otherwise it would touch the touchscreen wires.

I recommend PETG white for the LENS and for the case PETG, ABS , PC , ASA , PA6 , PET-CF or PAHT-CF.

Inside the case you can install 2 LED strips of 9mm width, one LED strip on the bottom and one on the hypotenuse, on the diagonal with a 45° angle.

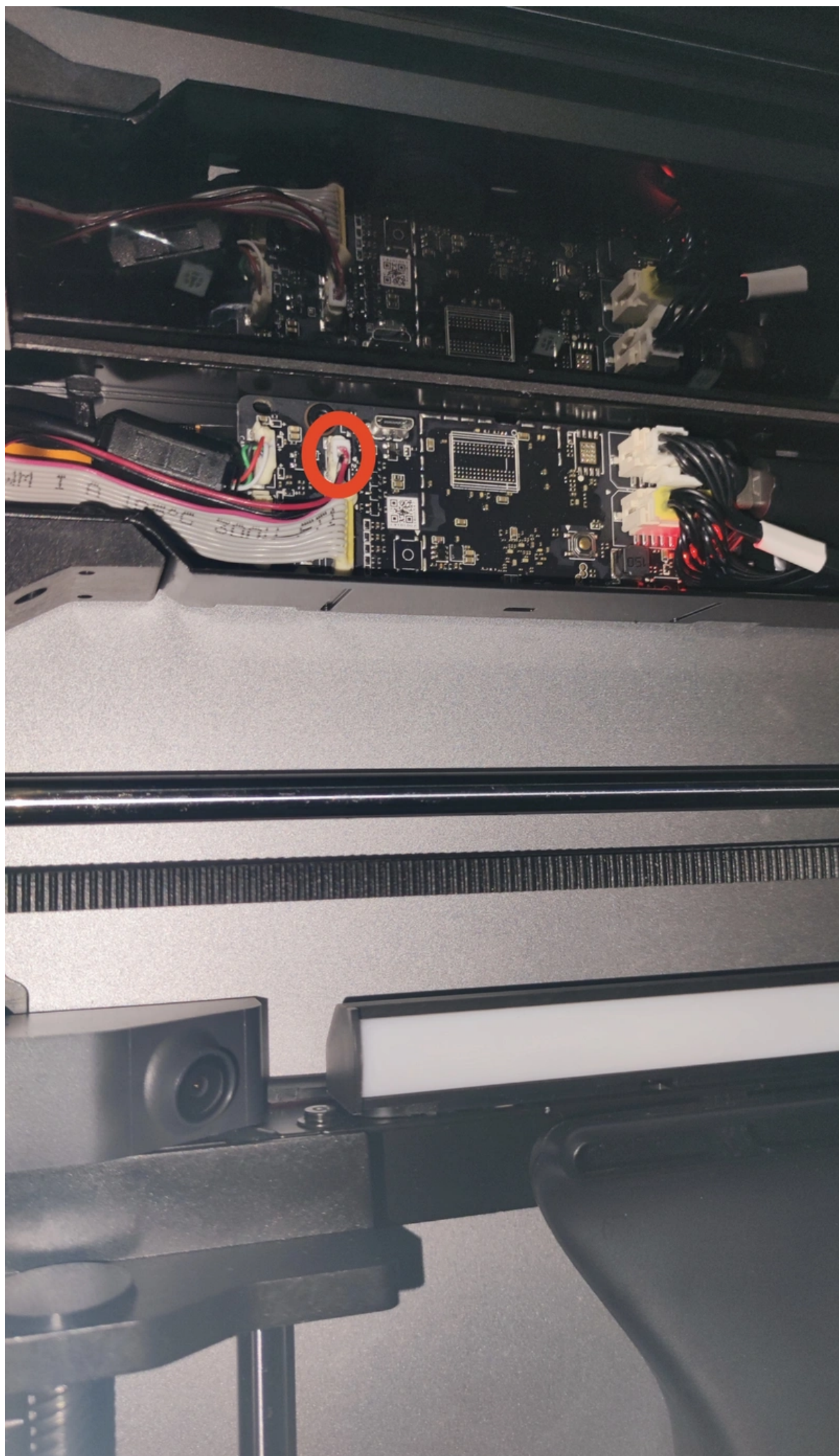
**NOTICE:**

**BEFORE INSTALLING THE CHAMBER BAR YOU NEED TO INSERT THE LED BAR STRIP, REMEMBER MAXIMUM WIDTH 9MM!**

**NOTICE:**

**THE PRINTER MUST BE TURNED OFF!**

**So I have the Bambu Lab X1C and the 2 pins connector is placed behind the touchscreen, above the cam and attached to this board as you see in this pic.**



**IT'S GLUED FROM THE FACTORY, so work slow and be patient to when you remove the glue USING TWEEZERS.**

**DO NOT TOUCH OTHER PARTS OF THE BOARD , BE CAREFUL AND YOU DON'T CAUSE DAMAGE!**

**NOTICE:**

**I take NO responsibility for modifying the chamber LED bar and connections or for choosing how to turn it on.**

**If you are not skilled at making this mod, either don't do it or get help!**

**HOW DO YOU INSTALL THE CHAMBER LED BAR?**

**FOLLOW THIS STEPS:**

1. TURN ON THE PRINTER
2. BRING THE BED TO THE BOTTOM , SO YOU HAVE MORE SPACE ;
3. REMOVE THE PLATE , SO YOU DON'T SCRATCH IT ;
4. TURN OFF THE PRINTER , TURN OFF THE PRINTER , TURN OFF THE PRINTER!
5. OPE THE DOOR
6. APPLY THE BIADHESIVE TAPE
7. LAY THE AUXILIARY BAMBU LAB P1P - P1S - X1 - X1C CHAMBER LED 21cm
8. YOU ARE DONE!

If you follow this steps , you will successfully install the chamber LED bar without doing damage to the printer.

I have the chamber LED bar already mounted and tested , I don't have any issues!

I also took measurements with a digital caliper and the chamber LED bar is not bumped by the toolhead or other mechanical parts.

So DO NOT change the dimensions, print it as it is in the file, I take no responsibility for this MOD!

I have already tested it and as I already said, I have no problems.

By the way , if you need help , I will be happy and glad to give you to install the chamber LED bar.

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Thank you to support me and happy printing.

## Model files



**bambu-lab-x1c-led-bar-cover-21cm.3mf**



**bambu-lab-led-bar-lenses-21cm.3mf**

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