

MicroSwiss NG 4020 fan shroud with Adafruit RGB LED added

A Ajax240

VIEW IN BROWSER

updated 8. 12. 2023 | published 8. 12. 2023

Summary

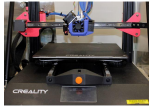
Added an LED to the shroud and in KLIPPER, used the Voron RGB macro to run.

[3D Printers](#) > [Accessories](#)

Tags: [fan](#) [shroud](#) [4020](#) [mods](#) [microswissng](#)

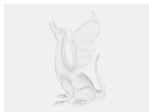
I ran 3, 24 awg wires, from the RGB through the housing and added a piece of heat tube where the wire is exposed on the outside. I ran it outside because I am not great at Fusion 360 and didn't know how to mod the file any other way at the time. If someone is better and interested in doing this correctly then please share with everyone. If you just want to use this, it does work but I had to superglue the LED in place because the wire and clips just wouldn't fit properly. I didn't want to reprint so ended up having to remove one side of the LED supports to get it in. It has been running for over 6 months now and have not had any issues so I'm happy with it. I also attached a file for an accelerometer attached to the face of the Original Micro Swiss NG Extruder Shroud for 4020 blower fan by IXI3DBE on Thingiverse: <https://www.thingiverse.com/thing:5393935> .

This remix is based on



Micro Swiss NG Extruder Shroud for 4020 blower fan
by IXI3DBE

Model files



microswiss-ng-4020-fan-with-led.step



microswiss-ng-4020-fan-with-led.stl



microswiss-ng-4020-fan-with-led.f3z



accelerometer-microswiss-ng.f3d

License

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



Attribution-ShareAlike

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

