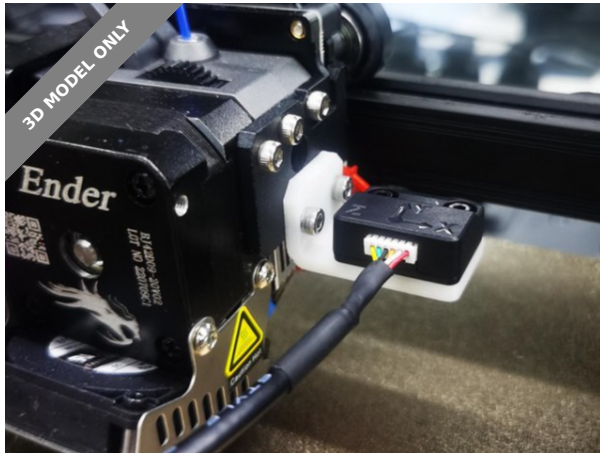




Creality Sonic Pad - Sensor bracket (X axis)



J0kers

[VIEW IN BROWSER](#)

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Summary

A bracket to mount your ADXL345 accelerometer/sensor on your X axis for calibration © Creality

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Tags: [creality](#) [crealitysonicpad](#) [ender3s1](#) [ender3s1pro](#)
[ender3v2](#) [pad](#) [sonic](#) [sonicpad](#)

These are the files provided on the storage that comes with Sonic Pad. In case you deleted them or if you want to print the bracket that matches your printer before you receive it.

Edit: I've added more file available from Creality website for several of their printers. Also in two variants depending if you have a flat cable or round cable (but it shouldn't really matter).

Instructions

Print flat, no support required.
Printed in 0.2mm.

For the calibration (input shaping) itself:

- I recommend to set up your printer as if you were going to do a print (filament loaded)
- Place the printed bracket on the printer and mount the sensor to it
 - With the screws/bolts provided with your Sonic Pad and the ones you remove you should be able to find two couples that matches your need in length.
- On the Sonic Pad (Klipper) go to:
 1. Configure
 2. Other settings
 3. Advanced options
 4. Measuring Resonance
 5. Let it perform on the X axis (it can take several minutes, wait for it to finish even if you think it's done: it moves fast and slow to make it vibrate at different frequencies).
 6. Then make it perform on the Y axis, see the other print you might want to use here:
<https://www.printables.com/fr/model/332077-creality-sonic-pad-sensor-bracket-y-axis>

Once done you can remove the part and store it somewhere. You might want to use later, for example it if you change something on your printer or change its location.

Credits

These models are provided by Creality

Model files

sensor-bracket-for-ender3-s1-and-s1-pro.stl



sensor-bracket-for-ender3-v2-stock.stl



sensor-bracket-for-ender3-v2-crtouch-or-bltouch.stl



sensor-bracket-flat-ender-3-s1-ender-3-s1-pro-cr-10... .stl

sensor-bracket-flat-cr-6-se-cr-6-max.stl

sensor-bracket-flat-ender-3-v2-with-crtouch.stl

sensor-bracket-flat-ender-7.stl

sensor-bracket-flat-ender-5-s1.stl

sensor-bracket-flat-ender-3-max-neo-v2-neo.stl

sensor-bracket-flat-cr-10-smart.stl

sensor-bracket-flat-ender-6.stl

sensor-bracket-flat-ender-3-v2-stock.stl

sensor-bracket-flat-ender-3-max.stl

sensor-bracket-flat-cr-10-v3.stl

sensor-bracket-flat-cr-10s-pro-v2.stl

sensor-bracket-flat-ender-3-pro-ender-5-plus-cr-10-... .stl

sensor-bracket-round-ender-5-plus-ender-3-pro.stl

sensor-bracket-round-ender-3-v2-with-crtouch.stl

sensor-bracket-round-cr-10-smart.stl

sensor-bracket-round-ender-3-v2-stock.stl

sensor-bracket-round-cr-10s-pro-v2.stl

sensor-bracket-round-ender3-max.stl

sensor-bracket-round-ender-3-s1-ender-3-s1-pro-ende... .stl

sensor-bracket-round-cr-10-v3.stl

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