



The Prusacaster - a 3D printable guitar



Mikolas Zuza

VIEW IN BROWSER

updated 3. 8. 2023 | published 3. 8. 2023

Summary

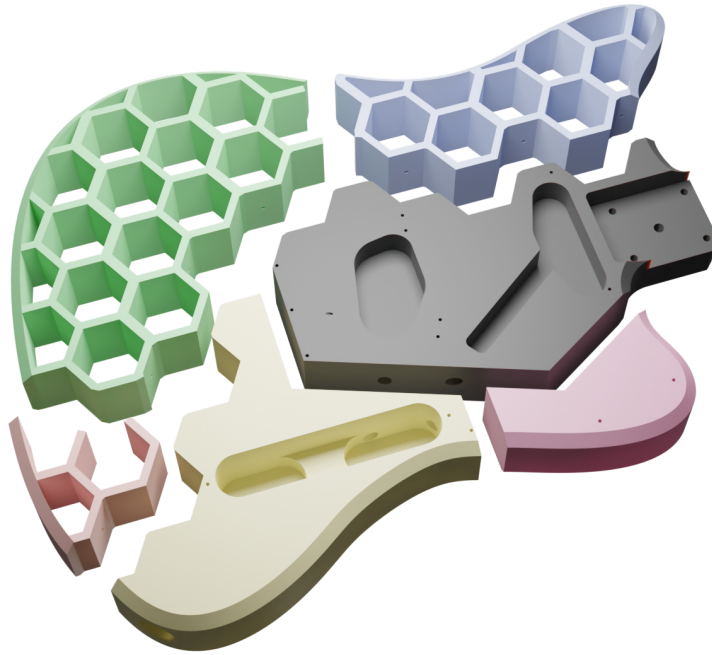
An electric guitar that you can print on any MK3-sized printer.

[Hobby & Makers](#) > [Music](#)

Tags: [music](#) [guitar](#) [fender](#) [electric](#) [musicalinstrument](#)
[telecaster](#) [playable](#)

You'll find all the build instructions and links for components in the article:
https://blog.prusa3d.com/the-prusacaster-how-to-design-and-3d-print-an-electric-guitar_71962/

Overview of the multiple pieces:



Hardware

Made to work perfectly with the [Harley Benton Electric Guitar Kit T-Style](#) from Thomann.

Watch out, as some of you pointed out, Thomann sends 2 different versions of the Harley Benton kit. It would probably be best to wait with the printing to verify which one you received first. If you get the one with just 3 bridge mounting holes, check the remixes, there are modified versions of the parts that fit them perfectly. (thank you to everyone who's uploading remixed versions!)

(There are kits on Amazon as well for those of you in the US. Unfortunately, it seems like Amazon is sending various different versions at random, there are remixes already tackling this issue, but your mileage may vary.)



Glueing the parts together



COMMERCIAL LICENSE

Commercial license

Do you want to sell prints of this model? You can purchase commercial licensing for this model by [joining the Commercial license tier in my club](#).

Model files



STEP

9 files



middle_piece.step



orange_small.step



pickguard.step



knob_holder.step



basic_shape.step



output_jack_holder.step



small_piece.step



orange_middle.step

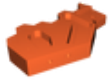


orange_top.step



prusacaster-guitar.3mf

☐ All parts properly oriented in a single file



black_core.stl

☐ Print this one extra strong (more perimeters, infill)



orange_one_piece.stl



orange_top.stl



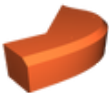
orange_middle.stl



orange_small.stl



black_knob_holder.stl



blue_piece.stl



pickguard.stl



output_jack_holder.stl



guitar_drawing.dxf

License

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



Attribution-NonCommercial

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