

Headless Gourd Shaped Ukulele



Big.One

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Summary

This Soprano size ukulele is a 3 piece design: Body Fretboard Bridge It has no conventional headstock i.e. headless,...

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This Soprano size ukulele is a 3 piece design:

- Body
- Fretboard
- Bridge

It has no conventional headstock i.e. headless, in order to minimize overall length. Instead, the tuning pegs are located at the tail end.

It has a groove in the neck to accommodate a neck rod to stiffen it as most 3D printed plastic is too bendy under string tension.

Use something like this for the in-neck rod:

<http://www.acpsales.com/.125-x-.325-Rectangular-Rod.html>

Also it is meant to be fitted with simple friction tuners like this:

<http://www.amazon.com/gp/product/B00E3UA3JQ>

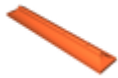
You can hear/see a demo of it on Youtube https://youtu.be/MWWb5VRRV_g

How I Designed This

OpenSCAD

Category: Music

Model files



soprano_400fw_3pc3_bridge_v2.stl



soprano_400fw_3pc2_fretboard_v2.stl



soprano_400fw_3pc1_body_v2.stl

[Find source .stl files on Thingiverse.com](#)

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