



Rubber band powered guitar with pick



Klagar

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Summary

Rubber band guitar, no support needed

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I designed 3 mini guitar that work using rubber bands .

There's 3 different versions with different rubber band length so you can find a version that fit with the rubber bands you have.

I also created a small guitar pick

Each guitar are 231mm long but that be scale as needed

Print settings:

Layer height: .20mm works great.

2 walls, 15% infill.

STL are oriented the best way, so you won't need any supports.

Material needed:

3 rubber bands per guitar, that creates a 6 cords look

-= parts required =-

Short cord :

- rubber bands pins are located in the center above and bellow the guitar chamber hole

parts required:

- top part small cord.stl
- middle part.stl
- bottom part.stl

Medium cord:

- rubber bands pins are located in the top and bottom of the guitar central body

parts required:

- top part medium cord.stl
- middle part.stl
- bottom part.stl

Long cord:

- rubber bands pins are located in the top and bottom of the guitar

parts required:

- top part long cord.stl
- middle part long cord.stl
- bottom part.stl

Asembly:

Very simple:

Glue middle part on top of the bottom with the handle facing up

then glue the top part on top of the middle part.

Let it dry completely then add rubber bands.

Enjoy

Let me know your comments.

STL are print oriented so that it don't require supports.

Model files

top-part-short-cord.stl

📄 top part for SMALL cord length

top-part-medium-cord.stl

📄 top part for MEDIUM cord length

middle-part.stl

📄 middle part same for SMALL cord and MEDIUM cord length

bottom-part.stl

📄 same for all 3 models

top-part-long-cord.stl

📄 top part for LONG cord length

middle-part-long-cord.stl

📄 middle part for LONG cord length

guitar-pick.stl

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