



# Mini Synthesizer with Circuit Playground Express



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## Summary

<https://youtu.be/2MKndPYqgps> In this project we'll show you how we built a mini synthesizer with capacitive touch...

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[othermill](#) [bantamtools](#) [capacitivetouch](#) [makecode](#)  
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In this project we'll show you how we built a mini synthesizer with capacitive touch using Circuit Playground Express and MakeCode. Click for links and resources!

Learn guide, files and more!

<https://learn.adafruit.com/touch-tone-for-circuit-playground-express/overview>

Circuit Playground Express

<https://www.adafruit.com/product/3333>

MakeCode for Adafruit Circuit Playground Express

<https://makecode.adafruit.com/beta?webusb=1#editor>

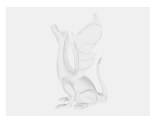
Bantam Tools Desktop CNC  
<https://www.bantamtools.com/>

Visit the Adafruit shop online - <http://www.adafruit.com>

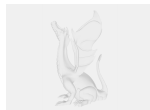
## Print instructions

Unassociated tags: circuit playground  
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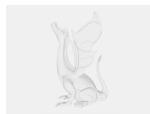
## Model files



**cpx-touch-outline.dxf**



**7359c83b-2aec-43c2-bcc1-e20fee83ef5a.f3d**



**d39bf516-3eff-4ce9-8385-46d46faccbc4.f3d**



**cpx-touch-holder.stl**

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

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