



## Sonic Flashlight

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### Summary

This converts a small flashlight body into a handheld audible distance indicator. It uses clicks like a Geiger counter.

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This converts a small flashlight body into a handheld audible distance indicator. It uses clicks similar to a Geiger counter to show distance to an object. The closer you get the faster the clicks. Range is from 300cm to 1cm. This was designed for a Digispark ATtiny85. Small Arduino boards like the Nano will also fit but you will need to modify the sketch. The circuit is quite small so it could be placed into other small enclosures too.

You need to flip the main body and may need to use supports touching build plate. I did not need to do that on mine when this was printed in PLA. With ABS I did need to use supports.

### Model files



**sonic\_flashlight\_ring.stl**

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**sonic\_flashlight\_lid.stl**

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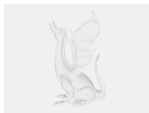
**sonic\_flashlight\_v2.stl**

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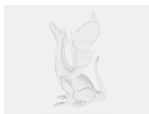
**sonar\_flashlight\_v10.stl**

## Other files



**geigersound.ino**

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**sonic\_flashlight.pdf**

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