

# Talking HAL 9000

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## Summary

Build a prop replica of the iconic HAL 9000 interface panel from the movie 2001: A Space Odyssey.

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[hal9000](#)

Build a prop replica of the iconic HAL 9000 interface panel from the movie 2001: A Space Odyssey. Powered by the Adafruit RP2040 PropMaker Feather and CircuitPython, this project uses our enormous red arcade button to trigger audio samples.

Guide Tutorial

<https://learn.adafruit.com/hal-9000-rp2040-prop-maker>

Code on GitHub

[https://github.com/adafruit/Adafruit\\_Learning\\_System\\_Guides/tree/main/HAL9000\\_RP2040\\_PropMaker](https://github.com/adafruit/Adafruit_Learning_System_Guides/tree/main/HAL9000_RP2040_PropMaker)

RP2040 PropMaker Feather

<https://www.adafruit.com/product/5768>

Red LED Arcade Button

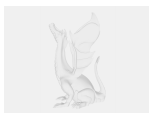
<https://www.adafruit.com/product/1185>

3W Speaker

<https://www.adafruit.com/product/4445>



## Model files



**hal-9000-propmaker-v31.f3z**



**grille.stl**



**bottom-box.stl**



**top-box.stl**

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**front-panel-b.stl**

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**front-panel-a.stl**

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**front-panel-full.stl**

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**bezel.stl**

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**speaker-bracket.stl**

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**middle-box.stl**

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**feather-mount.stl**

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**label.stl**

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**hal-9000-propmaker-v31.step**

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