



**Supports ESP32  
Dev board and  
speakers with  
larger magnet.**



**ImpatientMaker**

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## Summary

Supports ESP32 Dev board and speakers with larger magnet.

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NEW! Video of how I built the circuit and installed the software:

UPDATE: I was missing the diffuser file. You could get it from the base model but for convenience I uploaded it here (and converted it to metric)

In the cover, I added a hole in the middle as I was worried about volume and also range on the microphone. I printed the cover in two parts (using the split object feature of the slicer) and the diffuser separately as well.

I recommend increasing the Z of the base and wide ring at least 5mm to give more room for wires - it was a tight fit. Also I would change the Z seem to random as it's unsightly.

My Github repo for the code I'm using. Also has schematic and links to parts. <https://github.com/impatientmaker/esphome-voice-assist>

These are the speakers I bought - I'm happy with them. <https://www.amazon.com/dp/B0CDXQ8JTC>

The inspiration for my build came from here: <https://community.home-assistant.io/t/egg-voice-assistant/698819>

I got the original code from here: <https://tristam.ie/2024/1126/>

## This remix is based on



**Voice Assist Puck**

by JakeB

## Model files

**esp32-assist-base.stl**



**esp32-assis-top.stl**



**diffuser.stl**



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