



Near-vertical stand for Nabu Casa's Voice Assistant Preview Edition



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Summary

Nabu Casa recently released their magnificent Voice Assistant for Home Assistant. I made a stand for it.

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The amazing Voice Assistant finally has a vertical stand!

In fact, now it has **three**:

1. The original stand, which has no backing for the device. It's elegant (you can see it in the photo), but some have rightfully complained that they feel the back of the device is not well-supported.
2. A version 2, which supports the back of the device. Aesthetically, I prefer the first — but manipulating the device when it sits in this version feels much more secure than with the original stand.
3. The same as version 2, but with a hole for the Grove port.

Instructions

- Print your chosen model using the filament of your choice.
 - Please be sure that your printer + your filament choice are dimensionally accurate. You don't want the device to be loose or fail to fit in its slot.
 - Be careful with the back of the stand — enable supports just for that part, if your filament is temperamental regarding long bridging. In my case, Esun PLA needed no bridging whatsoever.
- Remove the four rubber pegs installed in the underside of the Voice Assistant case.
 - The pegs are friction-fit. The stand is designed to reuse them so that the assembly won't slide around when you push the button or jog the wheel.
- Insert those four pegs in the four holes under the stand
- Place the Voice Assistant onto the slot of the stand intended for it, cable slot down.
- Hook up the USB type C cable (and the 3.5 mm jack, if you're using it) to the Voice Assistant.

You're done!

Why?

I built this because I wanted to have one device shared between living room and dining room¹, which meant that the device was generally kind of far away from us. We found it was difficult for the device to hear us when it was laying flat on the furniture.

With the device upright, the device can hear us from much further away, and we can hear the device respond to us much louder without having to raise the volume. Of course, the LED lighting in the device is much more visible as well.

You could say this was actually a functional print rather than an aesthetic print. The fact that it ended up looking halfway decent is, to me, a nice bonus. The shape of the sides of the device also hides the unsightly cables from view, when you look at the device from many viewing angles.

Don't forget to share your makes!

¹ I bought four upon release of the device, one for each room. Don't tell Paulus!

Model files



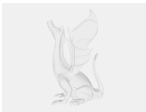
stand-for-home-assistant-voice-assistant-preview-ed... .stl

📄 Version three of the parametric design, with Grove port hole



stand-for-home-assistant-voice-assistant-preview-ed... .3mf

📄 PrusaSlicer 3MF file of the version three for you to change print settings



stand-for-home-assistant-voice-assistant-preview-ed... .fcstd

📄 Version 3 parametric design you can tweak



stand-for-home-assistant-voice-assistant-preview-ed... .stl

📄 PrusaSlicer 3MF file of the version two for you to change print settings



stand-for-home-assistant-voice-assistant-preview-ed... .3mf

📄 STL file of the version two of the stand



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📄 Version two of the parametric design, with a sturdy back rest to support the device



stand-for-home-assistant-voice-assistant-preview-ed... .stl

📄 STL file for you to slice



stand-for-home-assistant-voice-assistant-preview-ed... .3mf

📄 PrusaSlicer 3MF file for you to change print settings



stand-for-home-assistant-voice-assistant-preview-ed... .fcstd

📄 Original parametric design you can tweak

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