

[MaikelsDesign @ Shapeways](#)

Assembly manual

HomePod Stand

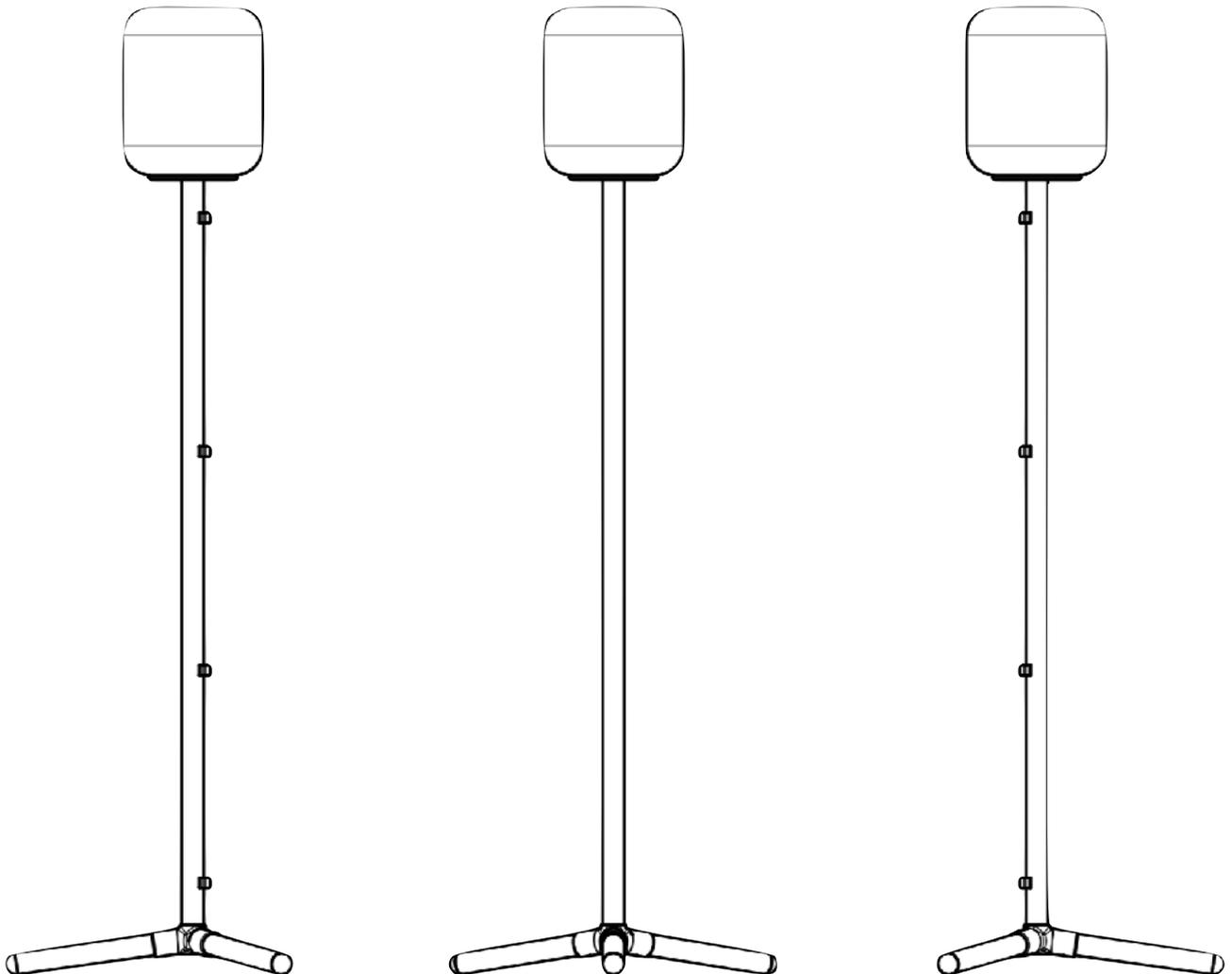


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Build check

Received Shapeways parts

Unbox and check the parts (in this manual I'm using Black Natural Versatile Plastic).



Shopping list items

For one HomePod stand you need:

- 2x tube \varnothing 22 mm x 1000 mm (copper, aluminum, carbon...)

For two HomePod stands (stereo setup) you need:

- 3x tube \varnothing 22 mm x 1000 mm (copper, aluminum, carbon...)

In both cases you need:

- 1x Cable tie 100mm x 2.5mm (roughly)
- Thin (0.2mm) double sided tape (for the cable guides)



Tools you need

- Tube cutter or hacksaw (to cut Ø 22mm tube)
- Fine sandpaper and file (to smooth the tube edges)
- Scissors (to cut peaces of double sided tape)
- Maybe some denatured alcohol (methylated/rectified spirit) to remove printed markings from the tubing



Build preparations

Shapeways parts

If needed clean the parts (not with water) received from Shapeways.

Separate the parts that are connected with small sprues and cut away any excess sprues.



If you ordered the parts in a color removing any excess sprues may leave white marks. These sprues are strategically placed so you won't see them, but if you want to cover them up try using a color marker in (roughly) the same color to hide them.



Add double sided tape to the 4 cable guides



Shopping list items

Cut the tubes in the recommended or desired lengths. Cut them straight if you want a beautiful finish and a perfect fit (tube cutter is perfect for this).

My recommended length for the main tube is 900mm and for the feet I recommend peaces with a length of 165mm per peace (if your going to make 2 stands with the recommended dimensions you should be able to get 6 feet peaces out of one tube).

Make sure you remove any sharp edges, smooth the tube endings (be careful not to damage the tubes with scratches), remove any printed markings with alcohol and clean the tubes.



Build

Bottom (foot) assembly

Attach the feet endings to the tube feet peaces.
Attache the feet to the bottom adapter.



Top assembly

Attach the top adapter to the main tube and add the cable tie around the center axis of the top adapter.



Main assembly

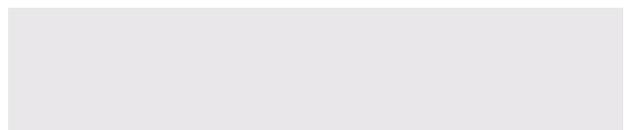
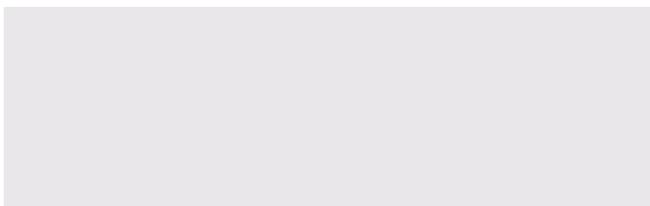
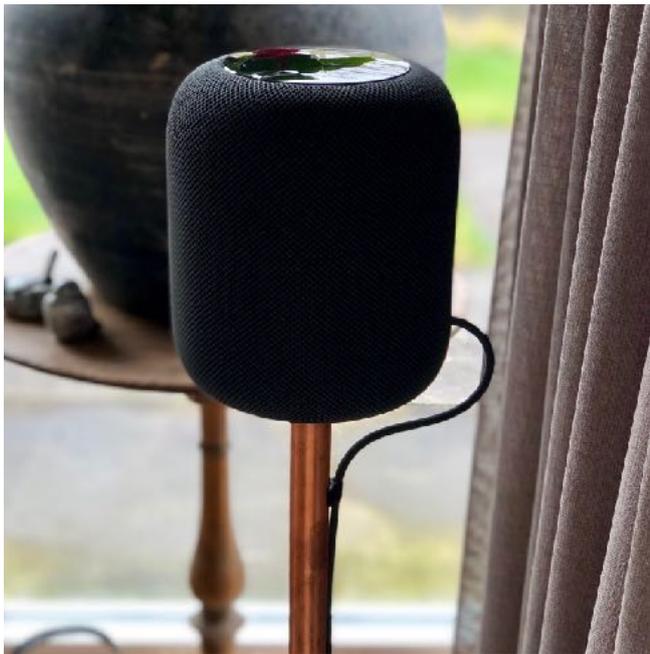
Attach the top assembly to the bottom assembly



Depending of your preference you can add all of the cable guides or just 2 or 3 of them. Make sure that you align them properly and equally device them.



End result



Tips and tricks

Cable guides

Depending on the type of double sided tape that you use and how good you cleaned the tube, the top cable guide can come loose over time because of the tension from the cable coming out of the HomePod.

Try different tape, make sure you clean the tube properly or you can glue the top cable guide.

Copper old look

If you want to give the copper tubes a darker more old school with stains look, just grab the tubes on a few different places with your hands and repeat this a few times. The more you do this the more darker and stains it will get. The greasiness and acidity of your hands will make the copper darker.

Add more weight in the foot

If you want to add more weight in the foot you can for example fill the feet with concrete. Make sure you add a blockage add the end of the feet peaces or the concrete will poor out of the feet if it's watery concrete.

Also be very careful with spilling concrete on the 3D printed parts because it can stain!

MaikelsDesign

Feedback, questions and support

If you have any questions, comments or feedback about the design please [contact me](#).
When you have print issues, order or shipping questions please [contact Shapeways](#).

Like, Share or show off your result

If you like this HomePod stand please like or share my [Shapeways Shop](#).
Want to share your build / result, leave a picture with comment on [HomePod stand Shapeways page](#).

Thanks and have fun building your HomePod stand!