



MK KIT

2-Way Bookshelf
Speaker Kit Pair

Assembly Guide

Thank you for purchasing the MK KIT bookshelf speaker kit. This kit includes easy to assemble cabinets and high-performance components that will put a DIY smile on your face no matter your skill level. With a little time and patience, your finished product will provide years of enjoyment. Please follow these instructions for the best possible results.

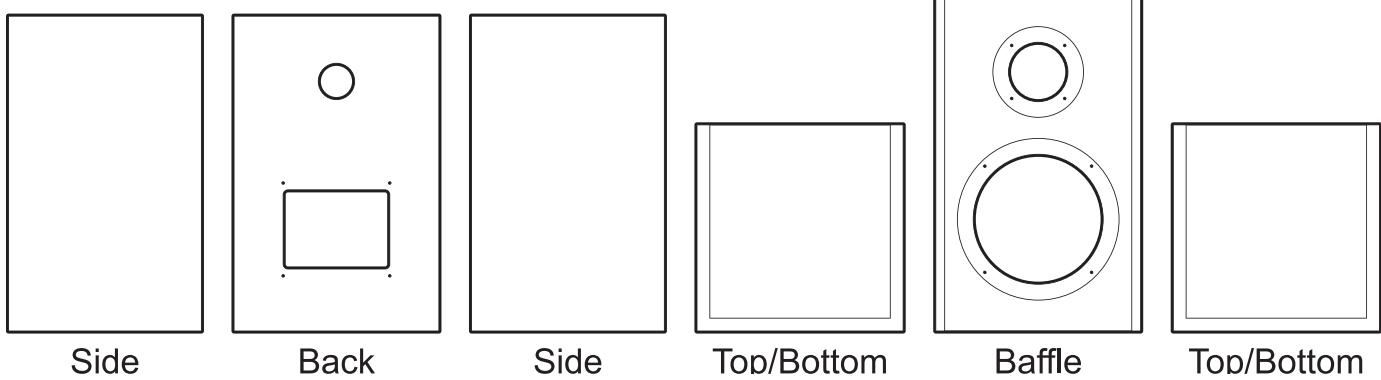
Suggested tools and consumables:

- Wood glue
- Wood clamps (you can never have too many of these)
- Rag or paper towels
- Drill
- 5/64" drill bit
- Sanding block and/or electric finishing sander
- #2 Phillips screw driver

Package contents:

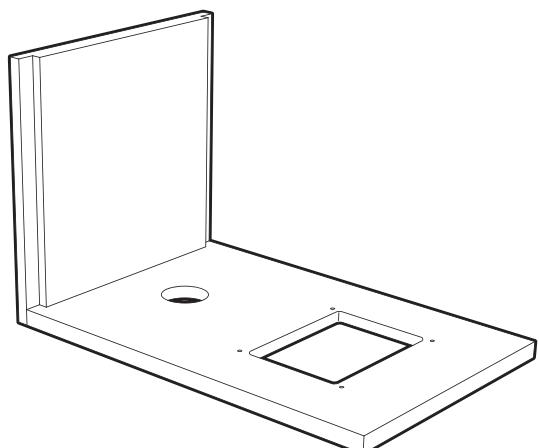
- 2 x MK KIT knock down cabinet
- 2 x Dayton Audio TCP115-4 4" Treated Paper Cone Mid-Bass Woofer 4 ohm
- 2 x Dayton Audio TD20F-4 3/4" Soft Dome Neodymium Tweeter 4 ohm
- 2 x Press-Fit Port Tube
- 2 x Terminal Cup with 2-way Pre Wired Crossover
- #6 x 3/4" Deep Thread Pan Head Screws Black 25 Pcs.

Knock Down Enclosures:

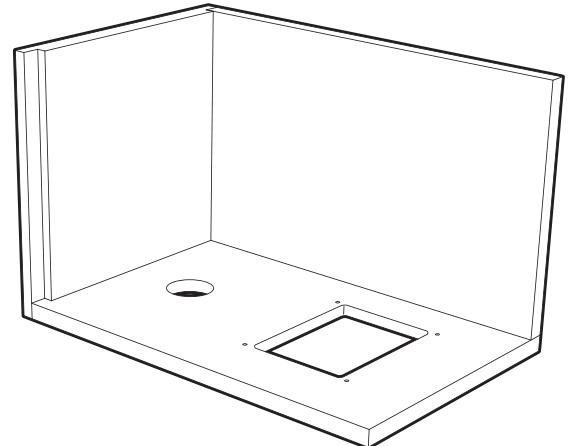


Enclosure Assembly:

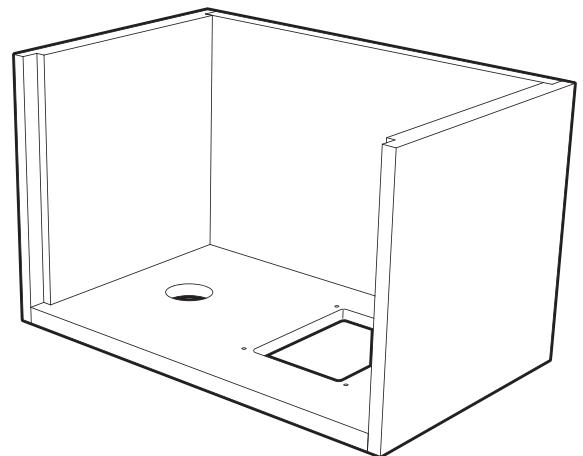
1. Before gluing anything, we recommend that you do a dry fit of the enclosure to familiarize yourself with the parts and assembly. This will also give you a chance to ensure that all pieces have been cut properly.
2. First, set the enclosure parts out on a flat level surface and ensure that all pieces are free of dust and debris.
3. With the **Back** panel lying flat with the recess for the port and terminal cup facing down, glue the mating surface of the Back and Top panels. Set the **Top** panel in place applying enough pressure to ensure glue is spread evenly through the joint (some glue squeeze-out can be expected).



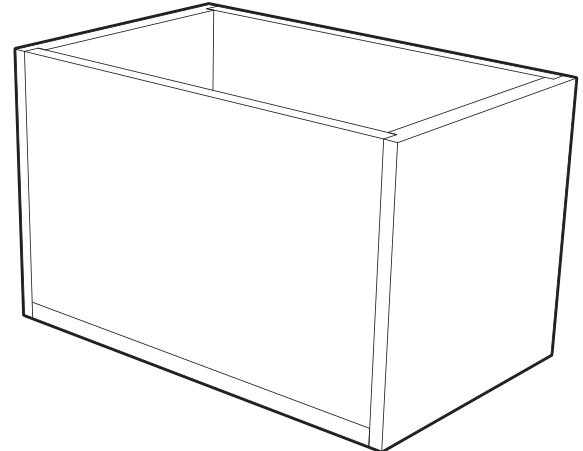
4. Glue all mating surfaces of the Back, Top, and Side panels. Then set **Side** in place applying enough pressure to ensure glue is spread through each joint.



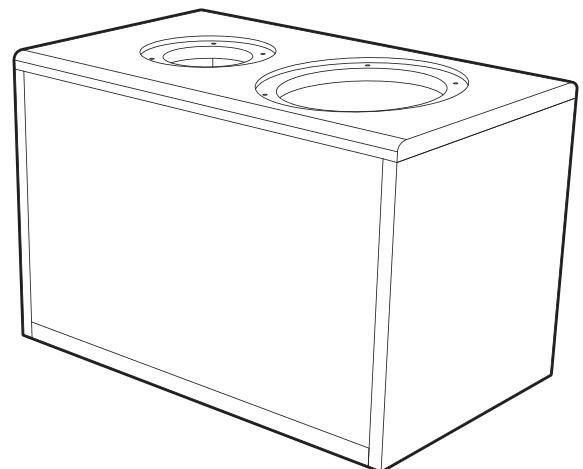
5. Glue all mating surfaces of the Back, Side, and Bottom panels. Then set **Bottom** in place applying enough pressure to ensure glue is spread through each joint.



6. Glue all mating surfaces of the Back, Top, Bottom, and second Side panels. Then set **Side** in place applying enough pressure to ensure glue is spread through each joint.



7. Glue all mating surfaces of the Top, Bottom, Sides, and Baffle. Then set **Baffle** in place applying enough pressure to ensure glue is spread through each joint.



8. Apply clamps and tighten to ensure glue is spread evenly through each joint (some glue squeeze-out can be expected). Visually inspect all seams to make sure they are all flush and closed tightly, you may need to relocate clamps (or add more clamps) to get a perfect fit. Wipe away any glue squeeze-out on the outside of the enclosure with a damp rag or paper towel (excess glue on the inside is fine). Allow to dry according to the glue manufacturer's recommendations and remove clamps.
9. Sand all edges smooth and flush. Now is the perfect time to finish the enclosure to your liking.

Your MK KIT enclosures are now complete!

Final Assembly:

1. Install the **Press-Fit Port Tube** into the rear of the enclosures. These simply press-fit into place. You may need to use a hammer or mallet to fully seat the ports in the recess (use scrap wood to protect the port if using a hammer).
2. Install the **Terminal Cup** into the rear of the enclosure. Secure the Terminal Cup using 4 of the **#6 x 3/4" Deep Thread Pan Head Screws**. Tighten the just until tight, being careful not to strip out the holes (a power drill is not recommended).
3. Rout the blue/black wires through the tweeter cutout on the front of the enclosure. Connect the wires to the **Dayton Audio TD20F-4 tweeter**. Attach the blue wire to the positive (+) terminal (marked with red paint) and the black wire to the negative (-) terminal.
4. Set the Dayton Audio TD20F-4 tweeter into its cutout and secure using 4 of the **#6 x 3/4" Deep Thread Pan Head Screws**. Tighten the just until the tweeter is flush with the baffle, being careful not to strip out the holes (a power drill is not recommended).
5. Rout the red/black wires through the woofer cutout on the front of the enclosure. Connect the wires to the **Dayton Audio TCP115-4 woofer**. Attach the red wire to the positive (+) terminal (larger terminal) and the black wire to the negative (-) terminal.
6. Set the Dayton Audio Dayton Audio TCP115-4 woofer into its cutout and secure using 4 of the **#6 x 3/4" Deep Thread Pan Head Screws**. Tighten the just until the woofer is flush with the baffle, being careful not to strip out the holes (a power drill is not recommended).

You are now ready to enjoy your finished MK KIT speakers!



5-Year Limited Warranty
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