

Studio Desk Instructions:

Assembly Instructions:

Parts:

1x Table Top
1x Lid
1x Brace Beam Front
1x Brace Beam Back
1x Cable Box back
1x Cable Box base
2x Cable box sides
2x Leg A (L+R)
2x Leg B (L+R)
2x Leg C (L+R)
2x Leg part D (L+R)
2x Screw Plates
2x Leg cable hiding strips
4x M6 Inserts and bolts
28x Dowels, 6x25mm

Standard Steps:

1. Assemble, sand, oil Legs
2. Sand, Oil, Assemble cable tray
3. Sand and oil all Plates and Beams
4. Sand and oil tabletop and Lid
5. Assemble

Instructions:

1. Spread one side of leg parts out on the workbench in order B-C-D-A. Dab a drop of glue in each of the C and D holes and add the dowels. With a roller spread the glue evenly on the B and A faces. Join together B-C and D-A, then join these two sets together, BC-DA.



When bringing the legs together, C and A will overlap at the top. Sandwich the legs together and bang to close the gap with a mallet. Check that the gap is closed up and flush. Repeat the whole process on the right side leg. With Grit 240 individually sand each set of legs. Sand all the ply edges first and then the facings. Oil in the same order. Wipe off any excess and put to the side.

Sand the two leg cable cover inserts with 240, then oil, wipe dry and check that they fit tight into the back of the legs. Once finish, put legs, with cover inserts to the side.

2. Sand the ply edge of the two side pieces for the cable tray together, then the faces, with grit 240. Oil, then wipe dry. Do the same with the base of the cable tray, then the back. Glue up all pockets and assemble the back to the base then add the two sides. Put to one side, or under the workbench.

3. Sand the plates with grit 240. Sand the edge grain first on both long sides, then the faces. Oil in the same order you sanded, however avoid getting oil on one end of the plates to allow for glue. Wipe off any excess oil. Repeat the process with the two brace beams. Put parts to side.

4. Sand the lid around the edge then the faces with Grit 400, Oil, wipe dry and put to the side. Make sure the workbench is completely wiped down and free of debris. Place table top on the workbench lengthways but up on its edge. Using 240, sand around the plywood edge first in an 'L' formation, rotating the table top so the sanding pressure is always facing down where possible. Make sure chamfers are also sanded smoothly. Laying the table top upside down, sand the underside with 400. Hand sand the rim of the lid hole with 240 grit. Oil the whole underside evenly with a roller then wipe dry. Flip the top over and sand with 400. Oil the edge and the top, wipe down any excess. Flip the top over again, add the inserts to all 4 holes.

5. Place the tabletop upside down on the workbench. Insert the brace bars into one set of legs, the larger bar goes onto the leg with the cable slot in the back. Force them down so they are flush with the top of the leg. Do the same process with the other set of legs, you now have your frame. Flip the frame over onto the table top and align the insert holes. With an allen key turn the bolts until tight in the hole.

Standard Checks:

1. Flip over the table onto the floor and test for rigidity.
2. Make sure the rim and chamfer around the tabletop is smooth to the touch.
3. Check the inserts and bolts are fully locked in place.

Standard Estimated Timings:

1. Assemble, sand, oil Legs	15-20 min
2. Sand, Oil, Assemble Cable Tray	7-10 min
3. Sand, Oil plates and beams	7-10 min
4. Sand and oil tabletop with lid	15-20 min
5. Assemble	3-5 min
Estimated Total:	47-65 min

First Prototype

Standard Actual Timings:

1. Assemble, sand, oil Legs	A-5.5, S-14, O-3.5	24 min
2. Sand, Oil, Assemble Cable Tray	S-5, O-2, A-2	9 min
3. Sand, Oil plates and beams	S-7, O-3	10 min
4. Sand and oil tabletop with lid	S-19, O-7 A-1	27 min
5. Assemble	A-3	3 min
Total:		73 min