



Creality CR-10/10S - Control Box Drawer Stand



Andreas Mass

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Summary

A drawer stand for the CR10/10S that stacks neatly with the control box feat. drawers at the back for devices like a Pi.

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For better use of space and organization I made this neat stand for my CR-10S onto which the control box can neatly stack. It features two smaller drawers at the back that can be used to house a Raspberry Pi or other small devices with openings to allow for cables to pass in and out. I printed mine with the Galaxy Black Prusament PLA which looks stunning and also helps to make print layers less visible. It also nicely compliments the matte black tone of the control box.

Print and assembly notes:

All parts can be printed without supports. It's absolutely enough to print each part with just 2 outlines/perimeters at 0.42-48 print width and around 15-20% infill. Only the the feet might need more infill for good measure. Depending on your print bed adhesion I recommend using 1-2 layers of 5-6mm wide brim around the case/drawer parts to avoid corners from

lifting over time.

For the assembly of the two case halves you will need 6x of roundhead M4x12 bolts, 6x M4 nuts and preferably M4 spacers. I didn't model fitting nut slots right into the model because some people might have trouble printing those perfectly depending on their printer calibration. Instead the recessed holes around the nuts are wide enough for a M4 nut driver/bit. The feet can be glued on using super glue. In case you also want to print your feet out of TPU like I did, I recommend using more flexible glues which can be used with rubbers.

Print Settings

Printer: Creality CR-10S

Brim: Yes

Rafts: No

Supports: No

Resolution: 0.2

Infill: 15-20%

Filament: Prusament PLA Galaxy Black

Model files



cr10_controlbox_stand_case_front.stl



cr10_controlbox_stand_case_back.stl



cr10_controlbox_stand-drawer_back_bottom.stl



cr10_controlbox_stand-drawer_back_top.stl



cr10_controlbox_stand-drawer_front_bottom.stl



cr10_controlbox_stand-drawer_front_top.stl



cr10_controlbox_stand_feet.stl

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