



Hot Air Wand Revised Case



Wiseone

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Summary

Revised case for the JCD 8858 700W Hot Air Heater Micro Rework Soldering Station.

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The hot air wand I modified is from Banggood. It's known as the JCD 8858 700W Hot Air Heater Micro Rework Soldering Station.

My hot air wand came with a very ordinary case, more like a power brick than a desk controller for the wand. This project takes the contents of the power brick and places it into a custom designed 3D printed case and enhancing it.

My design of the air wand controller case also incorporates a power switch. The membrane buttons are replaced by physical buttons, too. For easy use, all the controls are now presented in a sloped front panel.

Here is my 3D design. My design may match your needs, too.

My print is made in PETG 1.75mm eSUN grey filament, with 0.2mm layer height and 100% infill on a PRUSA I3 MK3S printer.

I hope you can find this design useful, too.

Remember to leave me some feedback or even a tip to keep me enthused to make more of these drawings.

Model files



button-extension.stl



case-base.stl



case-cover.stl

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