



Multi-Colour Classic Dalek - 1/6 Scale



Audrey-2

[VIEW IN BROWSER](#)

updated 7. 12. 2023 | published 7. 12. 2023

Summary

This is a one sixth scale classic Dalek from Doctor Who! Designed to be printed using a multi-colour 3D printers.

[Toys & Games](#) > [Action Figures & Statues](#)

Tags: [doctor](#) [doctorwho](#) [dr](#) [drwho](#) [who](#) [dalek](#) [bbc](#)
[daleks](#)

This is a one sixth scale classic Dalek from Doctor Who!

This is designed to be printed using a multi-colour 3D printer, such as a bambulab, prusa, or any of the new printers coming out with the ability to print with multiple materials at the time of writing. That said, if you want, you can put all the parts into a single colour printer and then paint after the fact, have fun.

To assemble, each part has been split into pieces which correspond to different potential colours. So you bring in parts that have the same name except for the number at the end. To print the eye for example, you would want to bring in the following files:

Dalek_Eye_colour_1.stl
Dalek_Eye_colour_2.stl
Dalek_Eye_colour_3.stl
Dalek_Eye_colour_4.stl

These don't have to all be assigned to different colours if you have a printer that can only print up to two colours, or if you want to remix how things are done. For example, in the pictured dalek, I only used black and grey for pretty much everything except the dome and eye, although you can use any colours or any number of colours that you want.

Also included is the .3mf file from when I printed the dalek on my bambulab printer so you can see how I set it up and sliced.

To assemble the dalek, it has been designed so that each section can bolt together using M3 nuts and bolts. There are two extra unused attachment points at the base of the dalek skirt, should you want to design some sort of interior or mechanical element of your own to allow for easy mounting.

The dalek was designed at one sixth scale to match the figures made by Big Chief Studios. However, should you want it bigger at one fifth scale to match the larger Character Options figures, you can simply scale all the parts by a factor of 1.2, a one fourth scale dalek would need everything to be scaled up by a factor of 1.5. At these scales though, M3 bolts will not be the correct size to hold the dalek together, and you will need to source alternative fittings.

Model files

dalek_dome_colour_1.stl



dalek_dome_colour_2.stl



dalek_eye_colour_1.stl



dalek_eye_colour_2.stl





dalek_eye_colour_3.stl



dalek_eye_colour_4.stl



dalek_neck_interior.stl



dalek_neck_ring_top_colour_1.stl



dalek_neck_ring_top_colour_2.stl



dalek_neck_ring_mid_colour_1.stl



dalek_neck_ring_mid_colour_2.stl



dalek_neck_ring_base_colour_1.stl



dalek_neck_ring_base_colour_2.stl



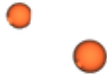
dalek_shoulders_colour_1.stl



dalek_shoulders_colour_2.stl



dalek_shoulders_colour_3.stl



dalek_shoulders_colour_4.stl



dalek_gun_colour_1.stl



dalek_plunger_colour_1.stl



dalek_plunger_colour_2.stl



dalek_skirt_colour_1.stl



dalek_skirt_colour_2.stl



dalek_skirt_colour_3.stl



one-sixth-dalek.3mf

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition