

## Jumbleum-Mono MP3 player case



dave8888

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### Summary

This is a case for my Jumbleum-Mono MP3 player project.

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This is a case for my Jumbleum-Mono MP3 player project.  
at <https://unusualelectronics.co.uk/jumbleum-mono-mp3-music-player>

I customised the case using OpenSCAD and the "Ultimate box maker by Heartman" on Thingiverse.com.  
<https://www.thingiverse.com/thing:1264391>

I modified it to suit my PCB and added cut-outs and holes for the controls, power etc.

It is printed in Silver/Grey PLA for the base and top to match my speaker and White for the front and back panels.

The PCB can be fixed to the base with four M2 screws and nuts.  
(drill a suitable sized hole in the case base through the centre of four of the standoffs for fitting screws).

The top and base panels clip together.



The encoder knob was also 3d printed using the "Customizable Knob! by charliearmorycom" on Thingiverse.com.

<https://www.thingiverse.com/thing:54024>

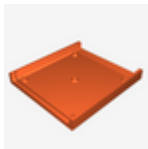
This was also an OpenSCAD file which I customised until I liked the appearance, and printed it in White PLA.

The encoder shaft I used has a "D" shape which required a small grub screw to hold the knob in place.

## Model files



**jumbleum\_box\_top.stl**



**jumbleum\_box\_base.stl**



**jumbleum\_box\_front.stl**



**jumbleum\_box\_back.stl**

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