

Thank you for buying this DIY case kit!

I always dreamed about a curved case for my own modular. The first case I made was made out of perspex and was sold to a Dutch costumer. I soon started to think about the best way to produce cases that could be sent to customers by mail as a flat package, and are easy to put together by the customer. Perspex is not suitable for DIY (because you need special chemicals to glue it), so I redesigned the model for wood.

The cases are available in two types of wood: MDF and plywood. MDF is an engineerd type of wood and is easy to work with. The material is easy to glue and easy to paint. Plywood, on the other hand, looks better unpainted.

In this package you will find the wooden panels, the mounting rails, screws for mounting the rails and enough nuts to fill up your case with modules. (If you ordered extra parts from the webshop they should be in here too, of course.)

Alright, enough talking - it's now time to put your case together in a few simple steps:

1: Put the nuts in the rails

Start with the most boring part: inserting the nuts into the rails. My advice is not to put too many nuts into the rails - you will only need the number of modules $\times 2$ per rail. Usually around 30 nuts per rail is enough. When this is done you can secure them with an M3 screw if you want, just to be sure they stay in place while constructing the rest of your case.

2: Attach the rails to the side panels

It is a good idea to attach the rails to the side panels first. (Some people find it easier to put some modules in while fastening the panels. This is not necessary though - the mounting holes are very precise.) Do make sure to line out the rails with the engraved rectangles on the sides.

3: Glue everything together

Only use a little bit of glue, more glue is not necessary! If you use too much glue it will start dripping and can make stains on your case. If you see bulging out of the joints wipe it away with a wet sponge or cloth. You don't need to do anything special to press the parts of the case together while waiting for the glue to dry. I usually only use some paper tape for a few minutes.

If you're not sure what kind of glue you need, here are some (of many) good types of glue:

Bison wood glue D2

Gorilla Wood Glue

Titebond Wood Glue

4: Add a 220V connector

There are two pre-cut holes for a standard eurostyle connector: one on the side and one on the back. If you want to use one of these simply press it out from the outside.

5: Make it shine!

Depending on the material of the case you can choose to finish it with paint or lacquer.

MDF is an engineerd type of wood which is easier to paint. It will suck in the first layer of paint, so it is easy for a flat finish and you only need to paint it once. If you like high gloss there is a special ground paint available for MDF. In that case, after grounding it you need at least two thin layers of paint to make it look good.

The plywood is high quality birch. It looks good unpainted and even nicer with transparent lacquer or colored transparent stain.

Note that this case is a DIY (Do It Yourself) kit and I am not responsible for any damage or harm due to inexpert use of materials and tools.

To use the case you need to install electrical parts yourself, I am not responsible for any damage or harm.