

DML Attenu mixer Assembly Manual Rev.A

What you need:

- PCB & Panel
- Components
 - Included in the full kit
 - If you have the PCB kit, consult the BOM
- Soldering iron (10-20W, fine tip)
- Solder (lead-free)

This kit is of easy difficulty, the board doesn't have small components.
You need approximately 1h, depending on your experience building modules.

General Tips:

Safety:

Soldering is dangerous. The iron is hot and so are the solder joints, at least for a few seconds.

The solder you use, lead-free or not, is not healthy. Don't eat or drink while soldering, wash your hands when you are done or take a break.

The fumes coming off of the solder flux are toxic, don't breathe them in. Work in a well ventilated area and use a fume extractor.

When cutting off component leads, keep one finger on them to prevent them flying into your eyes (caution, they might be hot.)

Assembly:

Sort the components before you start soldering.

Solder all components of the same value in groups, to avoid mistakes.

Components are placed on the board and soldered in order of their height.

Components are soldered on the side of the PCB that has their outline and part number printed. Most components are soldered to the same side of the board.

You can use painter's tape (masking tape) to secure components while you solder them.

Don't solder panel components right away. They might not line up with the panel and be at different heights, leading to stress on the solder joint which may cause it to fail.

This module has two boards. Leave them connected for now.

Step by Step:

Panel components:

Place all components but don't solder them yet. Place the panel over the components and thread on the nuts. Push down to make sure all components are seated properly. Now solder the components.

		RV1-RV4
10kB	12	
3.5mm Mono		
Jack	1	Con1-Con12

Calibration:

Nothing to calibrate.