THANKS FOR CHOOSING ONE OF OUR KITS!

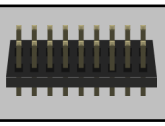
This assembly guide has been designed taking into account the common issues that we often find people experience in our workshops. The order in which the components are placed on the board is meant to make assembly as easy as possible.

Some steps are not obvious, so even if you're an experienced DIYer, please take the time to read the steps thoroughly before starting.

If this is your first project, please read this article before you start assembling the kit:
www.befaco.org/howto/

GOOD LUCK!

PIN HEADERS



Place and solder the Pin Headers on the silkscreen side of the main board (It is the shorter pins that you are soldering). Double check they all are perfectly straight.

Qty	PINs
1	2x5

DC/DC Regulators

Make sure you place them on the components side. The text with code should be facing away from the edge of the board.

Qty	Value	Code	Name on PCB
2	9V 500mA DC/DC	R-78E9.0-0.5	U1, U101

FRONT PANEL COMPONENTS MOUNTING TIPS:

Now we will proceed to mount the jacks. This part of the assembly is CRITICAL. Please take your time and read the instructions carefully.

These components must **NOT** be soldered until they are placed on the PCB and fully attached to the front panel.

There are two reasons for this:

> The height of the panel components are not all the same. Because of this, if not attached properly before soldering, they will not stay properly seated against the panel. This might cause mechanical stress reducing their life expectancy and in the worst case cause them to break.
> The second reason is that it is very difficult to align the components to the holes if the panel is not positioned prior to soldering. In the case of the LEDs, they are almost impossible to set to the correct height without reference to the front panel.

DC connectors

Put the DC connectors on their places, top part of PCB, but **do not solder them.**

FRONT PANEL

Attach the **front panel** adjusting the parts one by one if necessary until they fit. At this point a pair of fine tweezers can be helpful.

To finish:

- Secure the DC connectors.

- Ensuring all of the above parts are flush with the panel then you can finally **solder** them!

FINISHING

- Connect the **power ribbon cable**: The red wire (-12V) on the power ribbon cable corresponds to pin number one on the male power connector. A white or black line (or "-12v") marked on your power bus normally indicates the corresponding polarity.

ENJOY YOUR NEW BEFACO MODULE!