



BCI

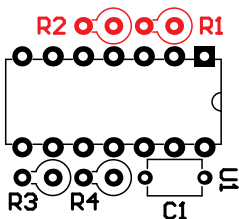
BLACK CARD  
INTERFACE  
(BACKPACK)

If your unit came as a kit, assembling the MK1 or MK2 versions should be pretty straightforward as very few components are to be soldered.

You should only care about component U1's orientation.

Be sure to align the connectors on the MK2 version so that the backpack can be connected with no effort.

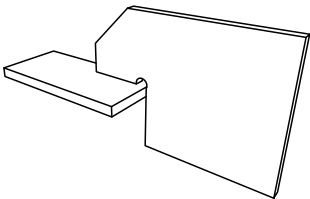
Do not mount the R1 and R2 resistors.



The kit version of the pico involves soldering connectors on 2 PCBs and assemble these at 90°. Assemble the PCB with the card connector and 4 pins right angled conector first.

Align it with the other one so that the white line on the rectangular PCB is covered. Trim the pins, and proceed with the 2 remaining connectors that go to the back of the module.

PCBs should be aligned like so :

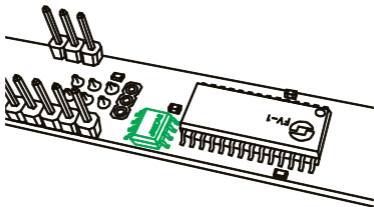


The pico and MK2 versions require desoldering the EEPROM that holds the original algorithms from the PCB.

It must then be soldered back to the card supplied so that the original algorithms will be easily accessible simply by swapping cards if needed.

On the pico, you have to gently separate the top and bottom PCBs to access the original EEPROM.

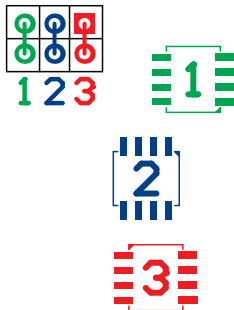
Once removed, clean the pads on the PCB and gently put back the top and bottom PCBs together.



There are 3 EEPROMs to chose from on the MK2 version. We recommend to perform the modification on #1.

Be sure to check the original algorithms list to make your decision.

In order to be able to access the card, solder a shunt, that can simply be made out of a resistor leg, to the position corresponding with the EEPROM that was removed.



This little interface might be a way to give a second life to your DSP based module, allowing you to use algorithms on cards that were only usable with a bigger FX unit.

If you want to use it with the MK1 model, simply install the backpack on the EEPROM expansion port, insert your favourite card, and follow the instructions from the manual to access this external memory.

With the pico or MK2 versions, be prepared to possibly void your warranty as your unit requires a minor modification to access the card.

It is not recommended to perform it if you're not familiar with SMT soldering or rework and we encourage you to let an experienced tech perform the modification for you instead.

All 3 parameters are tweakable on every model. As the parameters are arranged differently from the cards, please refer to the table below.

With the cards algorithms, the outputs from the pico and MK1 versions will be fully wet : this can't be changed.

Any additional controls work as usual.

Card	pico	MK1	MK2
Param 1	Dry/Wet	Dry/Wet	Param 1
Param 2	Param 1	Param 1	Param 2
Param 3	Param 2	Param 2	Param 3

This product is not an official add-on from the original DSP modules or algorithms cards manufacturers.

We can't be held responsible for any damages following the installation and/or use of this add-on.

Be sure to check everything works before any modification and respect the card orientation before power up.

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