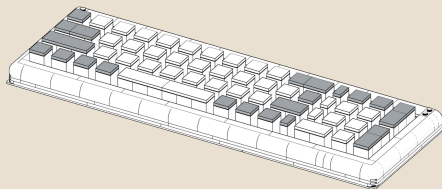

KBDcraft

INSTRUCTION MANUAL

Adam 0110b

MERGING KIT



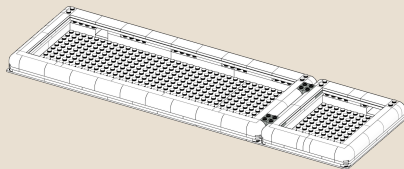
VERSION 1.0

Intro Project0110

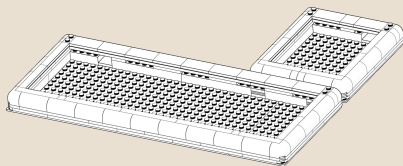
Adam0110a

— the modularity of the first art

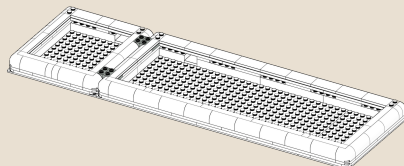
The flexible mechanical attachment of multiple independent modules



Adam0110a



Adam0110a (F)



Adam0110a (L)

Project0110

Adam0110b

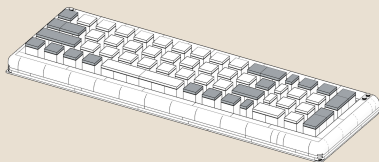
Adam0110b

—the modularity of the second art

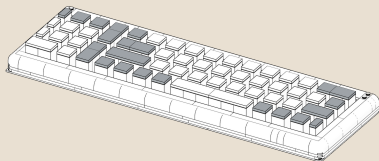
The deep integration of two modules

When we try to integrate the two sub-modules further in order to get a more capable and rigid keyboard, the quick-release mechanism will no longer be the choice. The integration of the functionality will be taken to a new level.

One of our first concepts was the "baby" fullsize Adam0110b, which combines two modules and uses 99% of the parts from the original Adam and Addams kit. It also offers two layout options, with a left- or right-positioned Numpad.



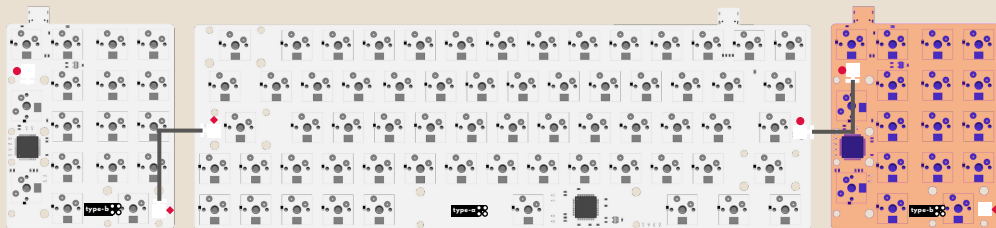
Adam0110b



Adam0110b(L)

Adam0110b New PCB

The Cores should have the ability to transmit data and be powered by one cable.



The early developed PCB64 for Adam did not feature an extension socket. Since July 2023, we have upgraded all Core64 kits with the new PCB type-a, which is ready for Project 0110's modular application.

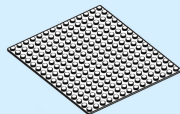
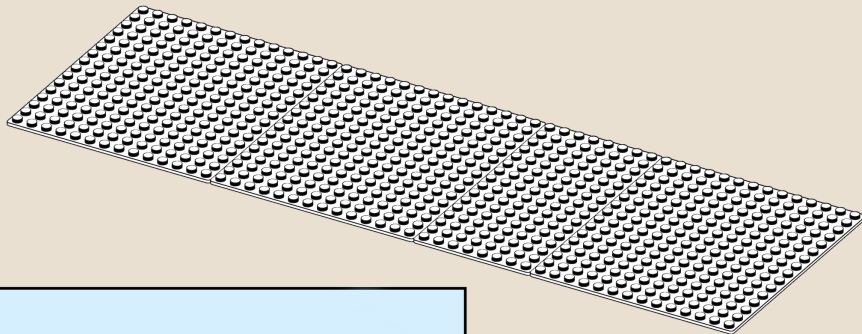
PCB type-a has a socket for internal connection on each side with different marks. Please connect the wire to the same marks.

The later released Kit Addams including the PCB type-b is developed under the latest technical guidelines which features sockets for internal data transmission.

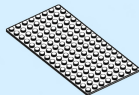
In the figure, connections in common positions are demonstrated.

1 Brick Time!

Adam0110b needs 4 base plates.

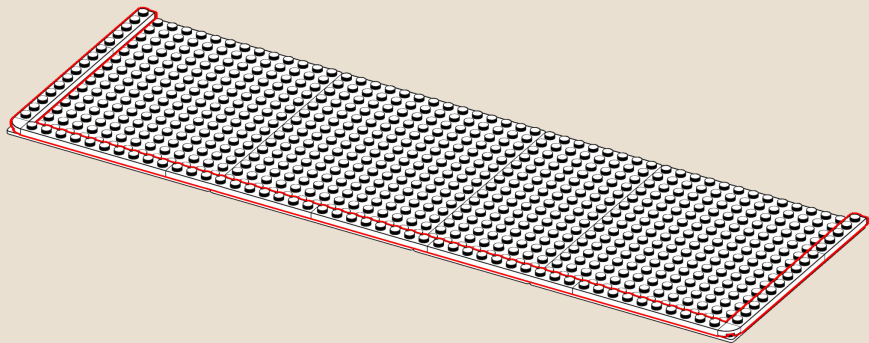
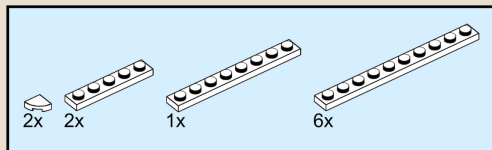


3x

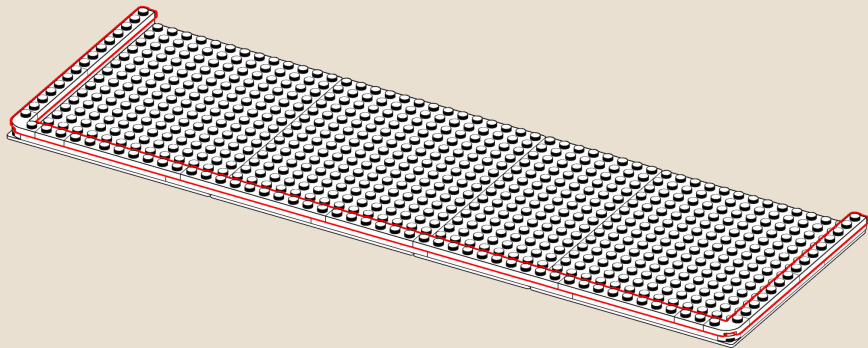
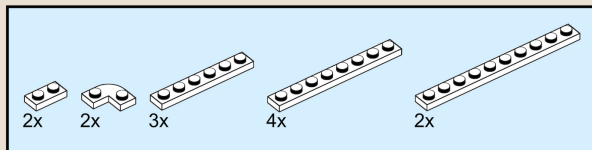


1x

2

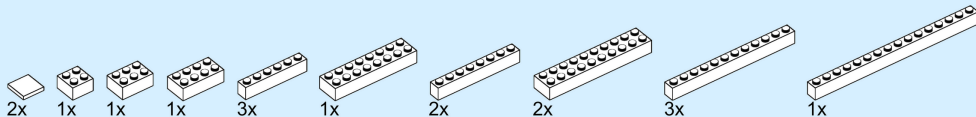
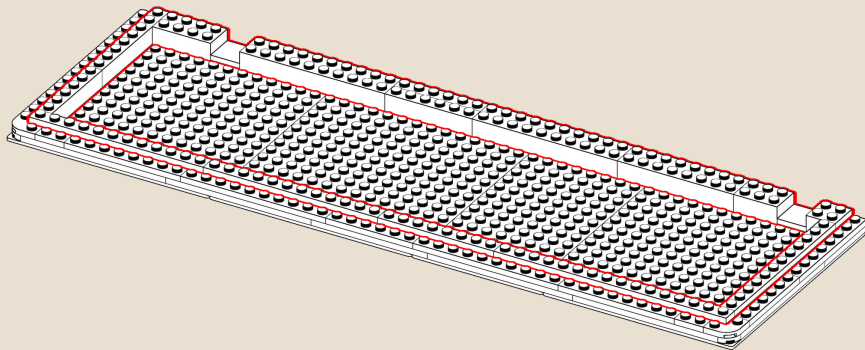
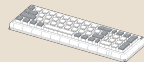


3



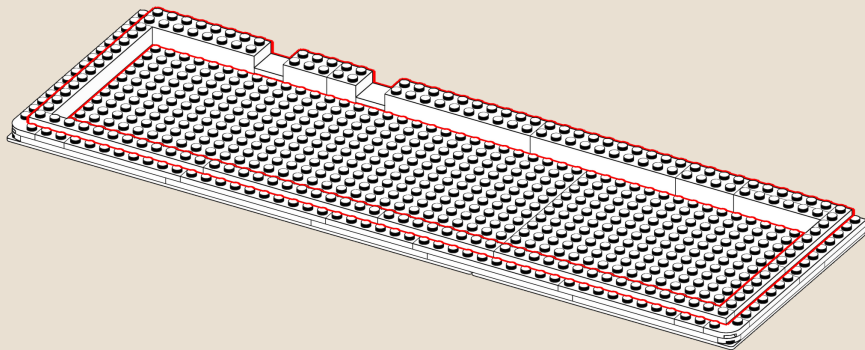
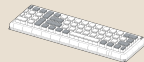
4

Follow the Step 4-6 for right-handed Numpad.



4(L)

4(L)-6(L) are steps for the left-handed Numpad.



2x

1x

1x

1x

3x

1x

2x

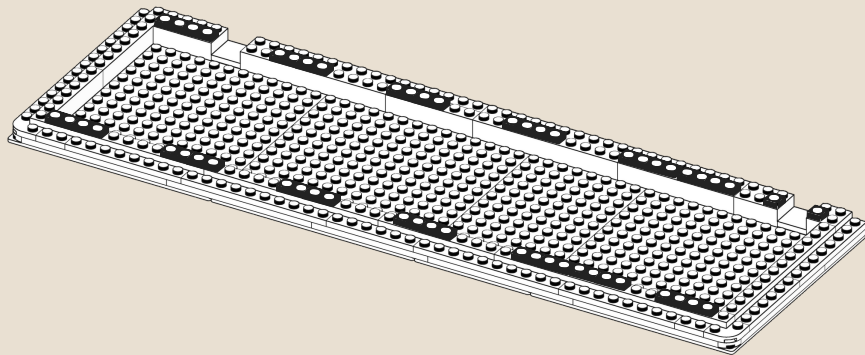
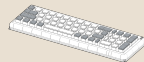
2x

3x

1x

5

Put the gaskets on.



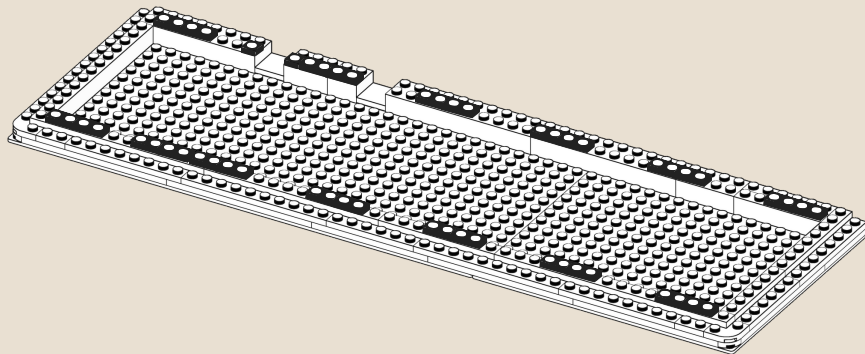
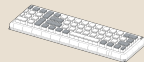
13x



2x

5(L)

Gasket position for the lefty Numpad.



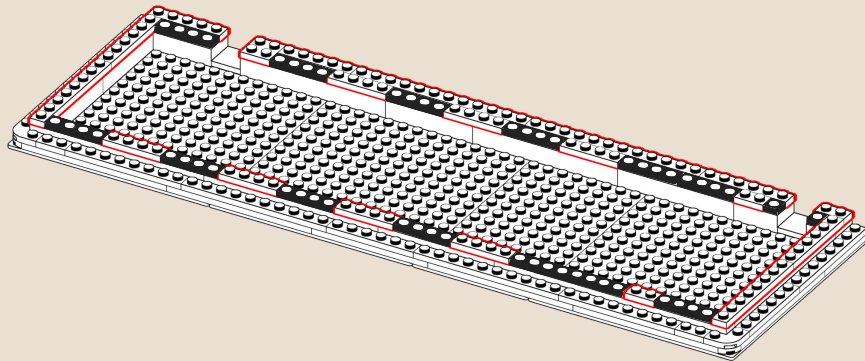
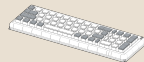
13x



2x

6

Put the both Cores in after this step.



3x



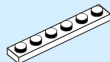
1x



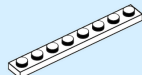
7x



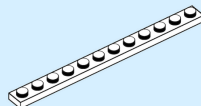
2x



3x



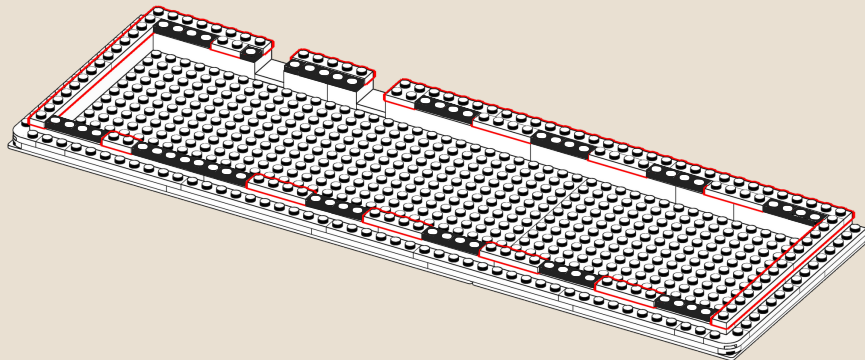
2x



2x

6(L)

Put the both Cores in after this step.



2x



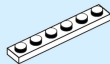
1x



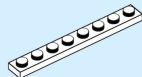
7x



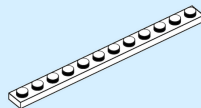
2x



2x

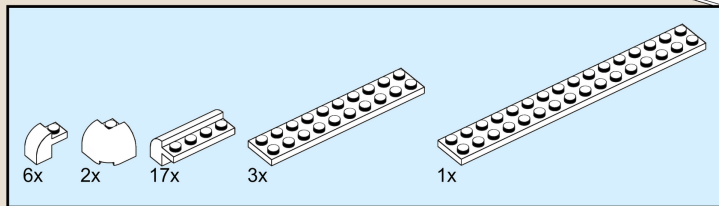
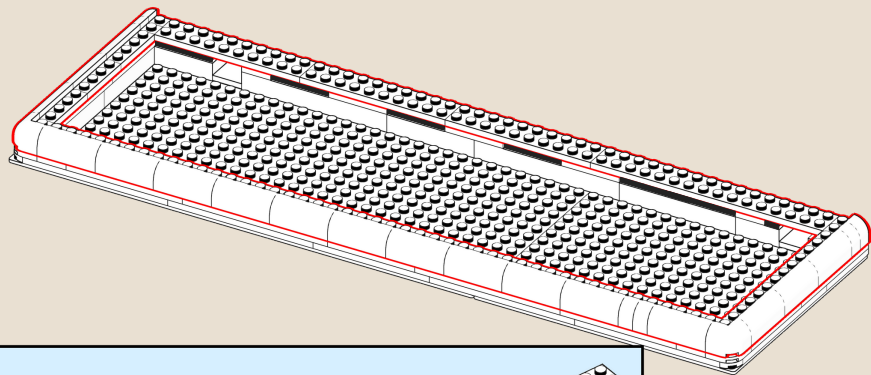


3x

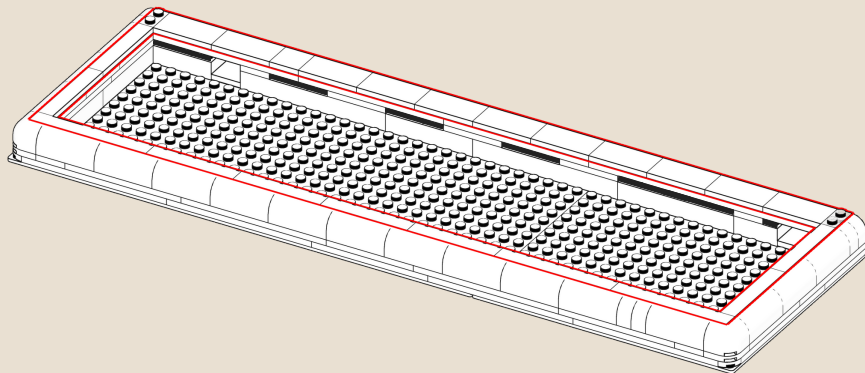
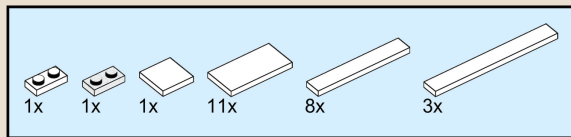


2x

7

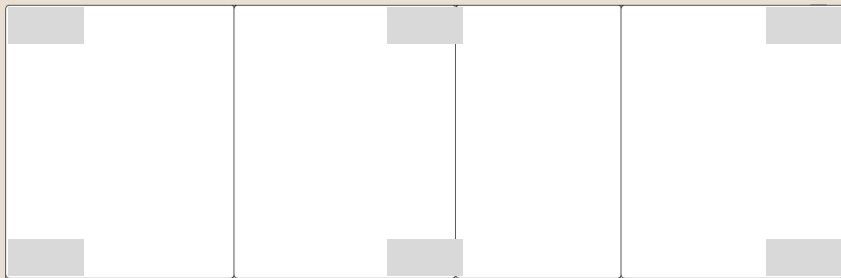


8



9

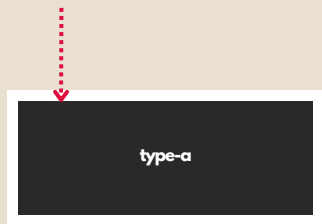
Put the rubber feet on and check the sit.



Firmware

The Numpad needs the right firmware to work under different connections.

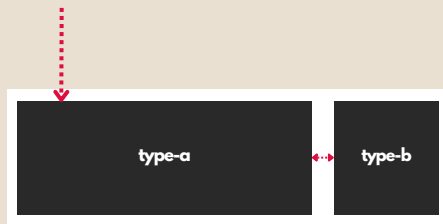
Installation orders:



❑ adam0110 + ❑ addams17

2 modules work independently

Parallel Connection
Adam0110a



❑ adam0110 + ❑ adam0110

2 modules into 1 module

Series Connection
Adam0110b

Firmware Installation

Download: <https://kbdcraft.store/pages/opensource>

Steps to install/change the firmware:

1. Plug out.
2. Press and hold the first button (Numlock) in the upper left corner of the Numpad.*
3. While still holding the button, plug in the cable.
4. A disk drive called "Addams0110" will appear on your system, then release the button.
5. Drag the firmware (.uf2 file) into the storage disk.
6. The PCB will install the firmware and restore the factory settings.





Activate the key value of Layer(1) by holding Fn or Numlock. You can change all the shortcut keys and light setting on VIAL. [HTTP://get.vial.today](http://get.vial.today)

