

# Modulove

## MVMNT

## QuickStart

### BEZIER CURVE SMOOTH RANDOM CV

The **MVMNT** module is quite simple to build and is perfect for beginners, but there are some important things to know before starting.

### POWER HEADER

The power header should be placed first as it is much easier to solder without the potentiometers in the way.

### POTENTIOMETERS



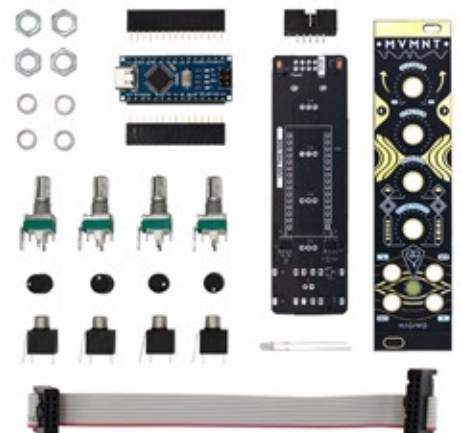
The mounting legs on 3 of the potentiometers need to be removed as there are no holes present on the PCB. There is also a notch on top of the potentiometers that should be removed to ensure that it can sit flush against the front panel.



### PART ORIENTATION

Some components can be accidentally placed backwards so make sure they are inserted with the correct orientation. Incorrect placement will prevent the module from working correctly.

**IN SOME CASES THIS CAN DESTROY THE COMPONENT!**









- IDC shrouded Header J1 (indicated by silkscreen and arrow)
- USB connector from the Arduino nano should be pointing upwards towards the power header.

Good luck with the build and happy patching!

# MVMNT

# BOM

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NO.	REFERENCE	DESCRIPTION	QUANT	IMAGE
1	J5	10P IDC Header	1	
2	J1,J2 ,J3, J4	PJ301M-12	4	
3	P1,P2,P3,P4	RK097 Vertical 100K Linear Potentiometer	4	
4	D2	LED	1	
5	-	Potentiometer Knob	4	
6	A1	Female Pin Header	2	
7	A1	Arduino Nano	1	