

6 CHANNEL SEQUENCER | EUCLIDEAN RHYTHM GENERATOR

The A•RYTH•MATIK Module / Kit is quite simple, but there are some important things to know before starting.

ARDUINO NANO PIN-HEADER / PINS

To ensure the Arduino Nano will under the rotary encoder it is necessary to solder one of the female Pin-Headers before mounting the rotary encoder. Please trim the excess from the pin Header where the rotary encoder will be placed to avoid possible shorts.

POLARISED COMPONENTS

The Components with polarity will only work if they are inserted in the correct orientation. Incorrect placement will cause them to not work correctly

IN SOME CASES THIS WILL DESTOY THE COMPONENT!

- 10uF Electrolytic capacitor C3, C5
- IDC shrouded Header J1 (indicated by silkscreen and arrow)
- LEDs (d14 D20 & D22) The square Pad is GND.

For the Bipolar LEDs (The clear ones) you can reverse them to get RED color instead of GREEN.

• Please note that the OUT2 & OUT3 as well as OUT5 & OUT6 Jacks share a ground pad in the middle to save space.

PLEASE SCAN THIS FOR DETAILED INSTRUCTIONS, BUILD DOCUMENTATION AND FIRMWARE.







modulove.io/arythmatik Good luck with the build and happy patching!

A • RYTH • MATIK BOM

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NO.	REFERENCE	DESCRIPTION	QUANT	IMAGE
1	A1	Female Pin Header	2	
2	ENCODER1	D-Shaft Encoder with Button	1	
3	C3, C5	Radial Capacitor	2	
4	CLK1, RST1, OUT1, OUT2, OUT3, OUT4, OUT5, OUT6,	Thonkiconn	8	
5	D14, D15, D17, D18, D19, D20, D22	3mm LEDs (Bipolar or Single Colour)	7	
6	DISP1	4P I2C OLED	1	
7	J1	10P IDC Header	1	UT UT UT
8	A1	Arduino Nano	1	
9	-	Rubberised Encoder Knob	1	