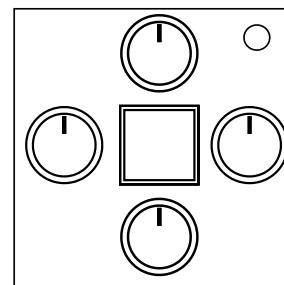
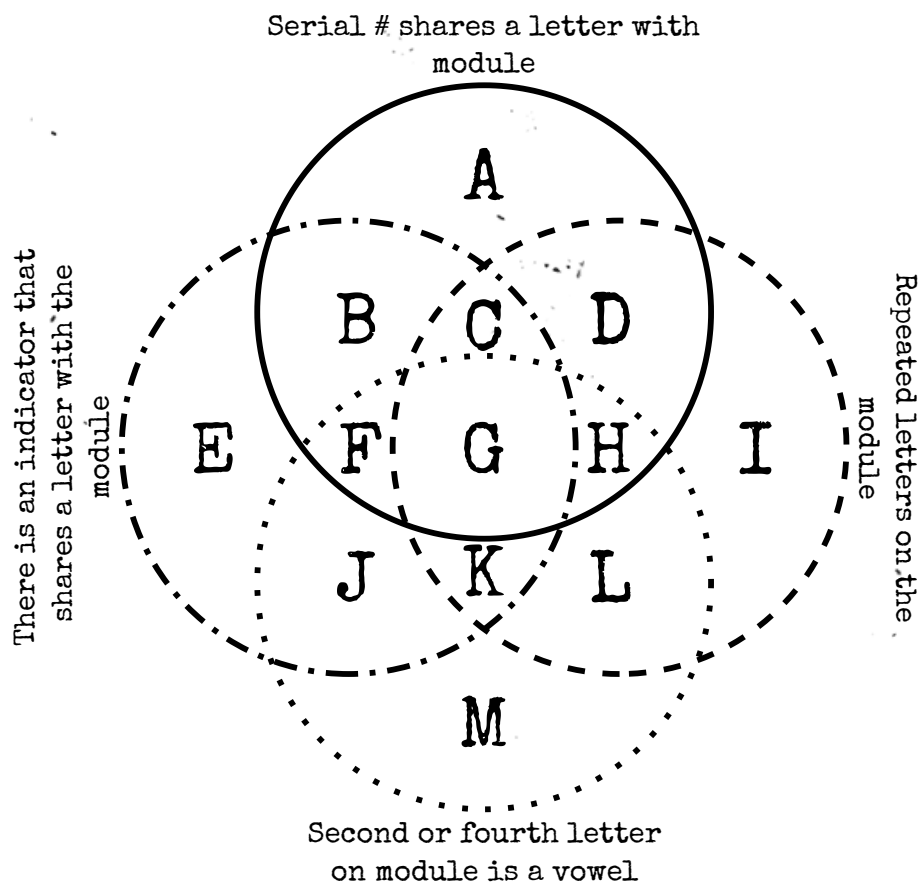


## On the Subject of The Dials

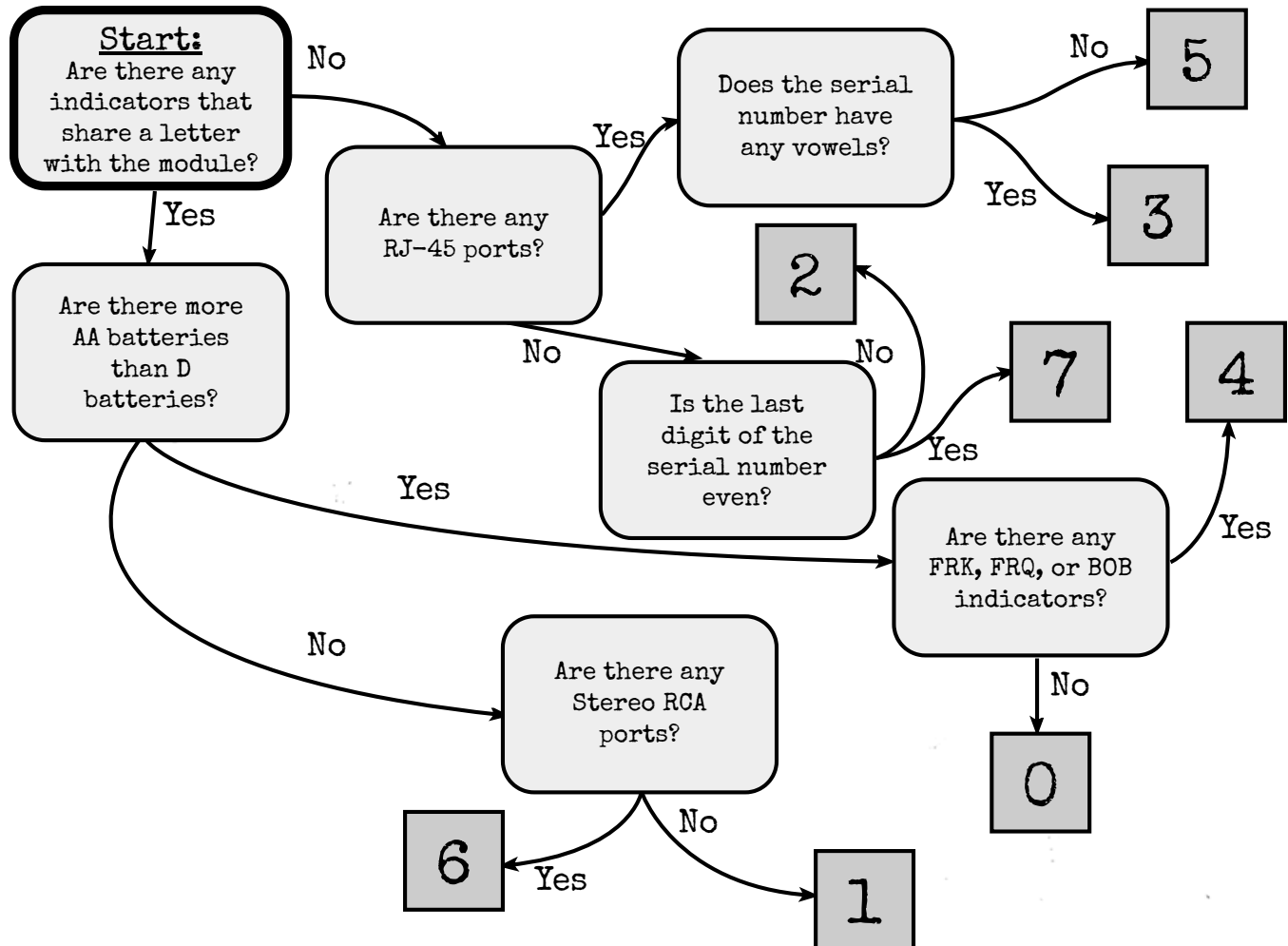
*All your favorite manual concepts, mixed up into one time-consuming disaster.*

- This module has 4 dials and a display which will show letters on it when a dial is highlighted.
- To find out what position to set each dial to, use the instructions below. Press the display in the center to submit. Dial order starts at one from north and increase going counter-clockwise.
- To find the position of the first dial use the venn diagram on the second page to find the set of instructions to refer to.
- To find the position for the second dial use the flowchart on the third page to find the number to set it to.
- To find the position for the third dial use the maze on the fourth page and find the shortest path.
- To find the position for the fourth dial use the table on the final page to find the position.



**Dial 1: Venn Diagram**

A	Adjust the dial by 1.
B	Adjust the dial by (Last digit of serial number % 8).
C	Don't adjust the dial.
D	Adjust the dial by 5.
E	Adjust the dial by (Number of indicators % 8).
F	Adjust the dial by 4.
G	Adjust the dial by 2.
H	Adjust the dial by 7.
I	Adjust the dial by (Number of ports % 8).
J	Adjust the dial by (Number of batteries % 8).
K	Adjust the dial by 3.
L	Adjust the dial by (The integer part of the <a href="https://ktane.timwi.de/HTML/Voltage%20Meter.html">voltage</a> ( <a href="https://ktane.timwi.de/HTML/Voltage%20Meter.html">https://ktane.timwi.de/HTML/Voltage%20Meter.html</a> ) of the bomb % 8).
M	Adjust the dial by 6.

**Dial 2: Flow Chart**

**Note:** Upon reaching a number, adjust the dial by that amount.

**Dial 3: Maze**

- Find the shortest path from the letter corresponding to the third dial to the intersection of the rotations given by the other two dials. The combination of the last two direction yields the final direction for the third dial.

		Dial 1's final rotation							
		1	2	3	4	5	6	7	8
Dial 2's final rotation	1	Q				U			
	2				E		X		
	3		W		I		Y		Z
	4			R		K		C	
	5		F	O		T		L	
	6				J	P			V
	7	G	M	D			B	A	
	8			H	N	S			

**Dial 4: Find the thing in the group of other things**

- Find the only set where dials 1-3 are valid. A dial is valid if its final direction contains the direction in its corresponding spot in the set. Set the fourth dial's direction to the last direction in the set.

1	2	3	4	1	2	3	4
L	L	L	N	D	U	D	N
L	R	D	NE	L	L	R	NE
U	U	L	E	D	L	R	E
L	R	L	SE	D	D	L	SE
R	U	U	S	L	R	R	S
U	D	R	SW	R	R	L	SW
L	D	U	W	R	D	U	W
L	U	R	NW	D	R	D	NW