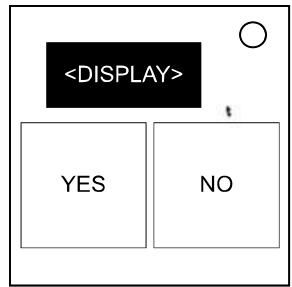


On the Subject of Not Colour Flash

It's easy to identify words. Red, Blue, Green, etc. Turns out it's a bit harder when you display a colour word in a different word though...

- A Not Colour Flash module has a display which shows a coloured word and two buttons labelled Yes and No.
 - Tapping Yes cycles the word through a sequence of six.
 - Tapping No cycles the colour through a different sequence of six.
 - Holding Yes submits the current display.
 - Holding No resets the display.
- Use the following pairs of digits in the serial number in the table below to find which entries to swap in each sequence to obtain the transformed sequences:
 - Words- Use the 1st and 2nd, then the 3rd and 4th, then the 5th and 6th.
 - Colours- Use the 1st and 4th, then the 2nd and 5th, then the 3rd and 6th.
- Use the flowchart below to determine the correct display to submit:
 - Each cell in the flowchart below has a distinct pair of colours.
 - The starting cell is determined by the initial display-
 - If the number of ports and port plates are both even or both odd, the top matches the colour and the bottom matches the word.
 - Otherwise, the top matches the word and the bottom matches the colour.
 - Follow the flowchart-
 - Each cell has a statement about the four sequences written in it.
 - If the statement is true, follow the black arrow to the next cell. Otherwise follow the grey arrow.
 - Stop on the twelfth cell to be visited or the first cell to be visited twice.
 - The correct display is determined by the final cell-
 - If the number of batteries is a multiple of three, the colour matches the top and the word matches the bottom.
 - Otherwise, the word matches the top and the colour matches the bottom.



Use the first in the pair for the row, the second for the column. A letter in the table refers to a colour, while a number refers to a position in the sequence.

	A,J,S,1	B,K,T,2	C,L,U,3	D,M,V,4	E,N,W,5	F,O,X,6	G,P,Y,7	H,Q,Z,8	I,R,O,9
A B C D	5/B	B/R	M/G	4/1	R/W	6/4	2/3	3/M	6/Y
E F G H	5/6	6/3	1/4	R/Y	2/M	W/R	Y/W	3/B	G/1
I J K L	3/5	B/2	G/4	5/R	W/5	R/G	4/6	1/2	W/6
M N O P	5/M	3/B	6/G	4/B	1/3	2/M	3/5	4/R	5/G
Q R S T	2/G	2/6	5/1	4/M	5/6	4/3	B/M	2/W	R/G
U V W X	6/3	1/4	R/3	6/4	M/5	G/1	5/3	1/R	3/4
Y Z O 1	1/Y	3/Y	M/1	6/G	B/W	4/1	3/M	3/2	B/5
2 3 4 5	4/Y	1/2	4/R	Y/W	2/4	3/Y	6/R	4/G	5/1
6 7 8 9	3/1	2/B	5/W	R/B	Y/2	M/2	1/4	2/R	4/W

