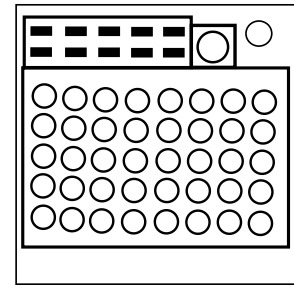




## On the Subject of Button Grids

*"This isn't as hard as it looks..."*



- This module consists of a 8x5 grid of buttons with the color red, blue, yellow, and green as well as ten LEDs at the top of the module and a reset button. To defuse this module, you have to press each button once.
- Each color should occur exactly ten times.
- **NOTE: You cannot press the same button more than once. Buttons will not change state once they have been pressed. If you press a button you have already pressed, you will instantly get a strike.**
- This module consists of ten stages with the current stage you're on being indicated by the lit LED on the top (buttons are numbered in reading order).
- For each stage, you must press exactly one of each color button in a certain order.
- If you press the buttons in the wrong color order, you will get a strike at the end of the stage.
- Follow the instructions from top to bottom.

**HOWEVER**, if you have a lit BOB indicator, a DVI-D port, exactly one battery, and at least one letter in the serial number in common with the word "CHRIS", then you can press the colors **BLUE, RED, BLUE, YELLOW** to instantly solve the module. However, this must be done in Stage 1.

### Stage 1

1. If an SIG indicator is present, stage 1's order is Red, Blue, Yellow, Green.
2. If a TRN indicator is present, stage 1's order is Green, Red, Yellow, Blue.
3. If an FRQ indicator is present, stage 1's order is Red, Yellow, Blue, Green.
4. Otherwise, stage 1's order is Green, Yellow, Blue, Red.

### Stage 2

1. If there are at least 20 modules on the bomb, stage 2's order is Blue, Red, Yellow, Green.
2. If there are at least 15 modules on the bomb, stage 2's order is Blue, Green, Yellow, Red.
3. If there are at least 10 modules on the bomb, stage 2's order is Green, Blue, Red, Yellow.
4. Otherwise, stage 2's order is Green, Red, Blue, Yellow.

### Stage 3

1. If the bomb's serial number contains any of the letters B, T, N, G, W, or D, stage 3's order is Yellow, Blue, Red, Green.
2. If the bomb's serial number contains any of the letters J, V, P, K, Z, or F, stage 3's order is Yellow, Green, Blue, Red.
3. If the bomb's serial number contains a vowel, stage 3's order is Blue, Green, Red, Yellow.
4. Otherwise, stage 3's order is Blue, Red, Green, Yellow.

### Stage 4

1. If there are at least six batteries, stage 4's order is Red, Yellow, Green, Blue.
2. If there are at least four batteries, stage 4's order is Red, Green, Blue, Yellow.
3. If the number of batteries is the same as the number of battery holders, stage 4's order is Yellow, Red, Green, Blue.
4. Otherwise, stage 4's order is Yellow, Red, Blue, Green.

### Stage 5

1. If there is a parallel port on the bomb, stage 5's order is Red, Blue, Green, Yellow.
2. If there is a PS/2 port on the bomb, stage 5's order is Blue, Yellow, Red, Green.
3. If there are no ports on the bomb, stage 5's order is Green, Yellow, Red, Blue.
4. Otherwise, stage 5's order is Yellow, Blue, Green, Red.

### Stage 6

1. If an entire column on the module has every color, stage 6's order is Green, Yellow, Red, Blue.
2. If an entire row on the module is missing a color, stage 6's order is Blue, Red, Green, Yellow.
3. If all four corners on the module are the same color, stage 6's order is Yellow, Green, Blue, Red.
4. Otherwise, stage 6's order is Red, Blue, Yellow, Green.

### Stage 7

1. If the color that appears the most in row 1 is blue, stage 7's order is Blue, Green, Yellow, Red.
2. If the color that appears the most in row 1 is green, stage 7's order is Green, Red, Blue, Yellow.
3. If the color that appears the most in row 1 is red, stage 7's order is Red, Yellow, Green, Blue.
4. Otherwise, stage 7's order is Yellow, Blue, Red, Green.

### Stage 8

1. If column 1 contains exactly two red buttons, stage 8's order is Red, Green, Blue, Yellow.
2. If column 1 contains exactly two yellow buttons, stage 8's order is Yellow, Red, Green, Blue.
3. If column 1 contains exactly two green buttons, stage 8's order is Green, Blue, Yellow, Red.
4. Otherwise, stage 8's order is Blue, Yellow, Red, Green.

### Stage 9

1. If the last color on the module in reading order is blue, stage 9's order is Red, Green, Yellow, Blue.
2. If the last color on the module in reading order is red, stage 9's order is Yellow, Blue, Green, Red.
3. If the last color on the module in reading order is yellow, stage 9's order is Green, Blue, Red, Yellow.
4. Otherwise, stage 9's order is Blue, Red, Yellow, Green.

### Stage 10

- Press the remaining buttons you have left on the module in reading order.