

# Matronics 762320

## Dual Color Multi-styring, 12V-24V, Polvending

### Beskrivelse

Styringen gør det muligt at styre farveskiftet på dual color lyskilder. Der er flere programmer, som vælges ved at justere drejeknappen. Der er afmærket en pil på drejeknappen, og rundt om står program-numrene.

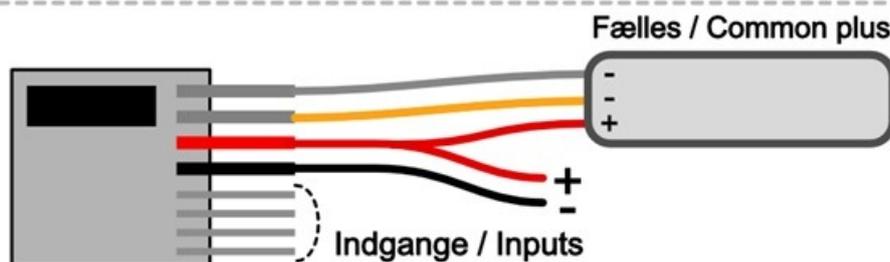
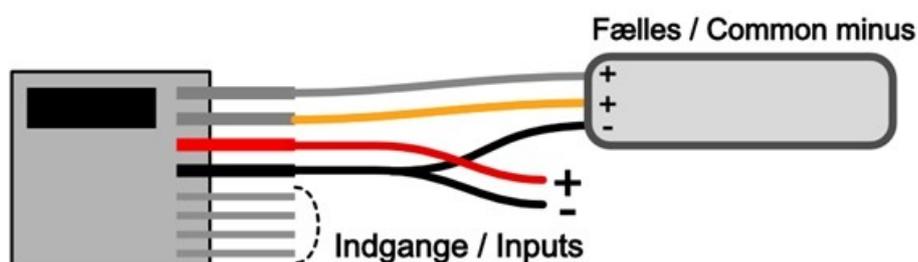
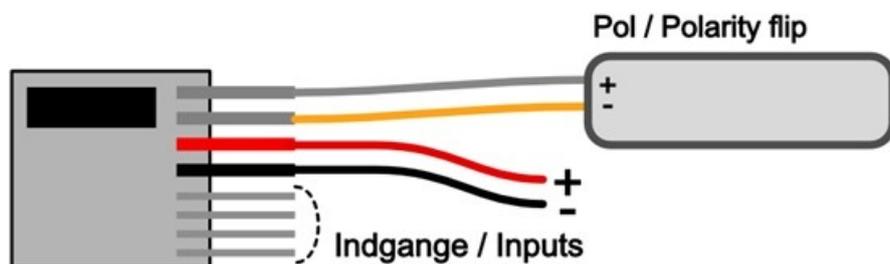
### Tilslutning

Ledninger og deres funktion står graveret på bagsiden af kabinettet.

IN+ og IN- er til at forsyne styringen med strøm. Den er multivolt, og kan fungere til både 12V og 24V (7V-30V). Styringen har max 8A, og der skal passende for-sikring på.

IN1-IN4 er indgange til styre den valgte funktion. Ikke alle programmer vil nødvendigvis bruge alle inputs. Hvis ledningerne ikke tilsluttes er det vigtigt at de lukkes af, så der ikke trænger vand ind.

OUT1 og OUT2 er til tilslutning af lyskilden. Hvis lyset i første omgang viser den forkerte farve, skal du bytte om på de to forbindelser. Du kan tilslutte både fælles anode/plus, fælles katode/minus og polaritetsvending. Se diagrammet nedenfor.



## Programmer

Bemærk at alle programmer er implementeret. Vælges et program der ikke er opsat, vil styringen blinke imellem de to farver.

Styringen vil løbende blive udvidet. Har man særligt ønske som styringen ikke opfylder, kontakt os og vi kan muligvis opfylde dette.

|           |  |  |
|-----------|--|--|
| Program 1 | Standard US light  |  |
| Program 2 | Standard US light<br>Start sekundær farve                                      | Input 1: Skift til anden farve<br>Input 2: Blinklys<br>Input 3: Natsænkning<br>Input 4: Strobe (Standard blink)                              |
| Program 3 | Forlys/Baglys styring<br>Primær rød/hvid, Sekundær gul                         | Input 1: Skift til anden farve<br>Input 2: Blinklys (høj sekundær)   |
| Program 4 | Forlys/Baglys styring<br>Primær rød/hvid, Sekundær gul<br>Start sekundær farve | Input 3: Bremselys (høj primær)<br>Input 4: Strobe (Standard blink)  |
| Program 5 | Dual color positionslys med<br>strobefunktion og natsænkning                   | Input 1: Skift til sekundær farve  |
| Program 6 |  | Input 2: Strobe primær farve   |
| Program 7 |  | Input 3: Strobe sekundær farve   |
| Program 8 |  | Input 2 + 3: Dual color strobe<br>Input 4: Natsænkning   |
| Program 9 | Dual color kabinelys<br>Høj lysstyrke overstyrer                               | Input 1: Primær halv lys-styrke<br>Input 2: Primær fuld lys-styrke<br>Input 3: Sekundær halv lys-styrke<br>Input 4: Sekundær fuld lys-styrke |
| Program A | Uden funktion  |  |
| Program B | Uden funktion  |  |
| Program C | Uden funktion  |  |
| Program D | Uden funktion  |  |
| Program E | Uden funktion  |  |
| Program F | Uden funktion  |  |
| Program G | Uden funktion  |  |
| Program 0 | Uden funktion  |  |

# Matronics 762320

## Dual Color Multi-Control, 12V-24V, Polarity Reversal

### Description

This controller allows you to manage the color change of dual color light sources. There are multiple programs, which can be selected by adjusting the rotary knob. An arrow is marked on the knob, with program numbers indicated around it.

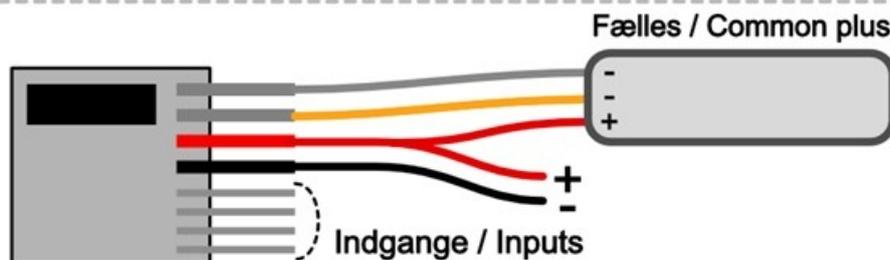
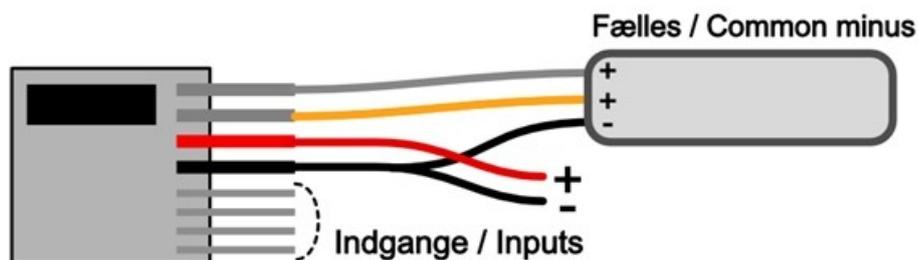
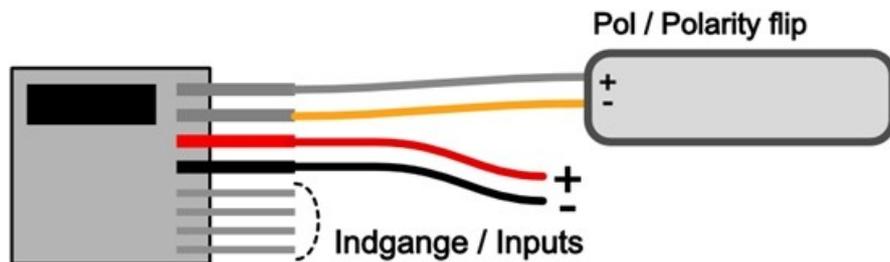
### Connections

The functions of the wires are engraved on the back of the housing.

IN+ and IN- are for supplying power to the controller. It is multi-voltage and can operate on both 12V and 24V (7V-30V). The controller has a maximum capacity of 8A, and an appropriate fuse should be used.

IN1-IN4 are inputs for controlling the selected function. Not all programs necessarily use all inputs. If the wires are not connected, it is important to seal them properly to prevent water from entering.

OUT1 and OUT2 are for connecting the light source. If the light initially displays the wrong color, swap these two connections. You can connect both common anode/plus, common cathode/minus and polarity flip. See the diagram below.



## Programs

Note that all programs are implemented. If a program that is not set up is selected, the controller will flash between the two colors.

The controller will be continuously updated. If you have a specific request that the controller does not fulfill, contact us, and we may be able to accommodate it.

|           |  |  |
|-----------|--|--|
| Program 1 | Standard US light  | Input 1: Switch to the other color   |
| Program 2 | Standard US Light<br>Starts in secondary color   | Input 2: Turn signal<br>Input 3: Night dimming<br>Input 4: Strobe (standard flash)   |
| Program 3 | Front/Rear Light Control<br>Primary: Red/White, Sec, Yellow                              | Input 1: Skift til anden farve<br>Input 2: Blinklys (høj sekundær)   |
| Program 4 | Front/Rear Light Control<br>Primary: Red/White, Sec, Yellow<br>Starts in secondary color | Input 3: Bremselys (høj primær)<br>Input 4: Strobe (Standard blink)  |
| Program 5 | Dual-Color Position Light with<br>Strobe Function and Night<br>Dimming                   | Input 1: Switch to secondary color   |
| Program 6 |  | Input 2: Strobe primary color  |
| Program 7 |  | Input 3: Strobe secondary color  |
| Program 8 |  | Input 4: Night dimming   |
| Program 9 | Dual-Color Cabin Light – High<br>Brightness Overrides                                    | Input 1: Primary half brightness<br>Input 2: Primary full brightness<br>Input 3: Secondary half brightness<br>Input 4: Secondary full brightness |
| Program A | No function assigned   |  |
| Program B | No function assigned   |  |
| Program C | No function assigned   |  |
| Program D | No function assigned   |  |
| Program E | No function assigned   |  |
| Program F | No function assigned   |  |
| Program G | No function assigned   |  |
| Program 0 | No function assigned   |  |