

EIMod Fusion Blinker is an add-on for the *EIMod Fusion PRO*. It provides the functionality of blinker lights (left and right) and emergency light. For each direction up to two LEDs may be connected directly without any additional part. If more than two LEDs are required, up to four may be used by wiring them in parallel circuit.

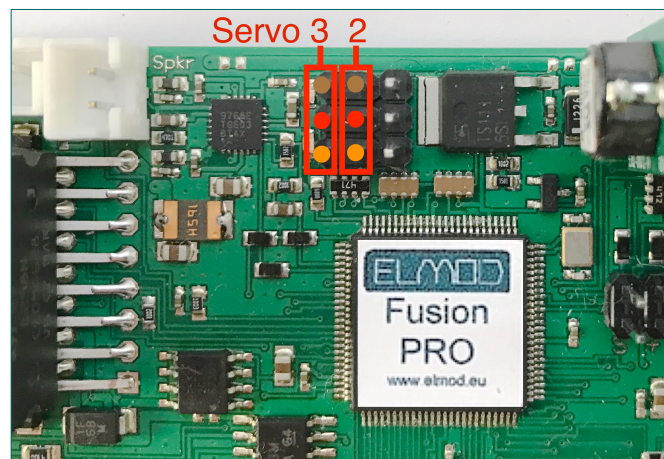


Requirements :

- an *EIMod Fusion PRO* with firmware 1.09 or higher
- two available servo connectors on the *EIMod Fusion PRO*
- when using a common radio: a free channel with a 3-way-switch (top-center-bottom. Preferably a switch with automatically returns to the center position). Alternatively a turning knob or a slider
- suitable LEDs (preferably yellow). The board works with all standard LEDs

Connection

Attach the two servo cables of the *EIMod Fusion Blinker* with the appropriate servo connectors of the *EIMod Fusion PRO*. The brown ground wire faces the upper edge of the board. The wires for the Servo 2 are placed on the upper side of the *EIMod Fusion Blinker* , the wires for the Servo 3 are on it's bottom side.



Connection of the LEDs:

- solder the LED to the included red/black wire and then attach it to the *EIMod Fusion Blinker*. The anode of the LED is connected with the red wire, the cathode with black wire.
- if you use less than two LEDs for each direction, unused connectors may be left open
- if you use more than two LEDs for each direction, connect two LEDs in parallel circuit and attach them to one output of the *EIMod Fusion Blinker*.

Setup of the radio gear

If you use the *EIMod App* for the steering of a vehicle, you may skip this chapter.

For the control of the blinker function a free channel with a 3-position-switch (top-center-bottom) is required. Alternatively a turning knob or a slider may be used.

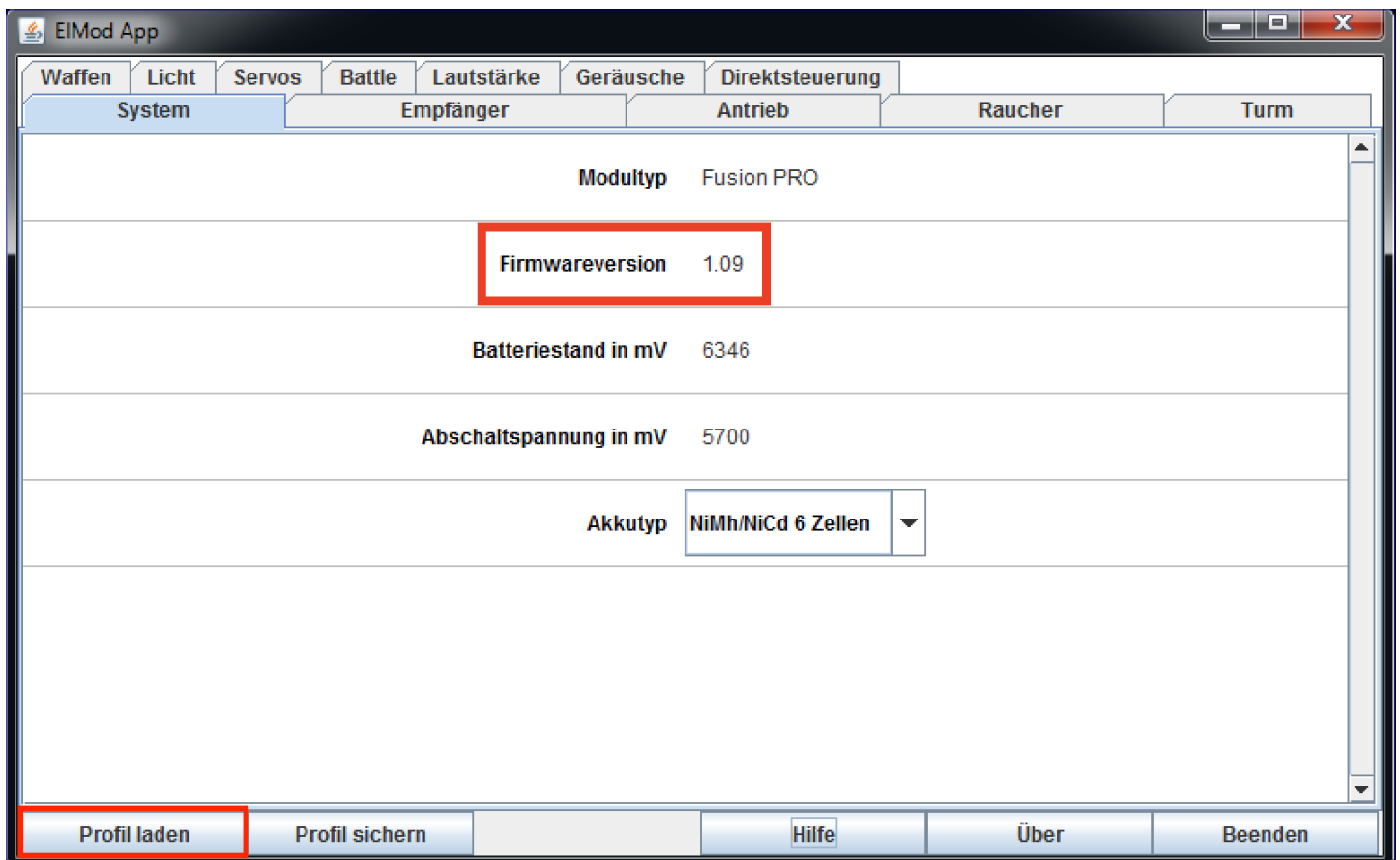
Connect the purple wire of the receiver cable to a free channel on the receiver which is assigned to your control element.

Now check with the *EIMod App* if the signal is correct. The displayed value of channel 6 should be around -100% on lower most position of the switch, nearly 0% in the neutral position and around +100% on upper most position.

Configuration

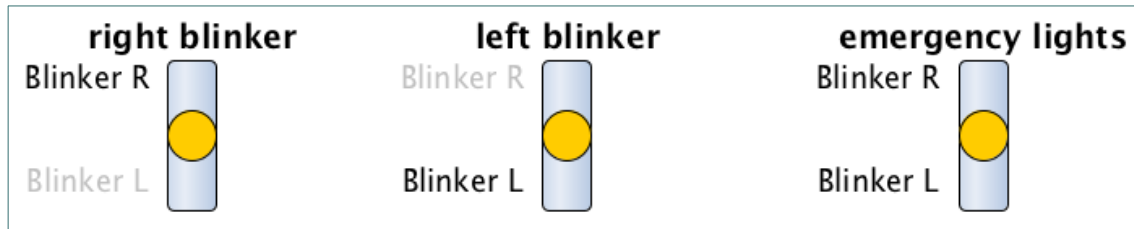
The blinker light is emulated as a special function on the servo outputs of the *EIMod Fusion PRO*. You can choose which servo connectors are used and which of the four free user functions are designed for the blinker. By default the connectors Servo 2 and Servo 3 are used for the *EIMod Fusion Blinker* and the blinker is controlled by the user function 1 and 2 (channel 6). This setup may be easily activated by loading a provided profile in the *EIMod App*:

- check if the firmware is 1.09 or higher. This is necessary for the blinker function
- click "load profile" and choose "BlinkerConfig.xml". This file changes the following settings:
 - tab servos: Servo 2 mode: "Blinker left", Servo 3 Mode: "Blinker right"
 - tab receiver: user function channel 6 top: "additional function Servo 2", user function channel 6 bottom: "additional function Servo 3"



Control with RC radio

- to activate the right blinker, push the switch on channel 6 up and back to the neutral position
- to activate the left blinker, push the switch on channel 6 down and back to the neutral position
- to deactivate the blinker, push it in the same direction again and return to the neutral position
- to activate the emergency lights, push the switch quickly to one direction and then immediately to the opposite direction

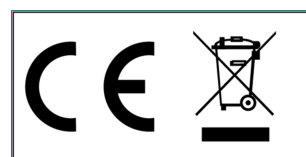


Control with the *EIMod App*

- for the control of the vehicle with the *EIMod App* the firmware 1.09 or higher is required
- to activate the right blinker, press the button "Servo 2"
- to activate the left blinker, press the button "Servo 3"
- to deactivate the blinker, press the same button again
- to activate the emergency lights, press the one button and then quickly the second button

Nicht geeignet für Kinder unter 14 Jahren.
Not suitable for Children under 14 years.
Ne convient pas pour des enfants de moins de 14 ans.
Niet geschikt voor kinderen onder de 14 jaar.

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