

Wiring Diagram Trailer AMO - MFR



- (1) Please use a good quality high current connector which is reverse polarity protected. Caution with lithium batteries: The AMO has no Lipo undervoltage protection. Use a separate undervoltage warning module (Lipo Saver).
- (2) We recommend at least 0,5mm² (AWG21) for battery and motor wires in the trailer. Do not use a battery holder.
- (3) Make sure that the motor is fitted with a suppressor kit (2 or 3 capacitors).
- (4) The output SF6 and servo output 3 are only useable with Servonaut K15/K30/K40/K60. SF6 is also functional with AIR-U in the truck.
- (5) You might connect plus of all lamps to one or both of the AMO "+" connectors.
- (6) You can also use LEDs instead of lamps but don't forget appropriate resistors. We recommend our Servonaut LED-Set.
- (7) Output servo 4 is recommended for retractable trailer support legs. For this output the AMO has some special features. See manual.
- (8) For motor driven support legs we recommend the MFR speed controller. Shown here is the wiring with NO 'normally open' limit switches. The MFR must be setup as motor switch (MFR Mode 2), not as a speed controller.
- (9) You can also use NC 'normally close' limit switches with two diodes 1N4007. The MFR can also be used as a forward/stop/backward ESC (MFR Mode 1) connected to output servo 5 or 6, without limit switches.

Use 12V lamps for 12V
Use 6V lamps for 7,2V

Rear lights

Left indicator

Side & Rear light

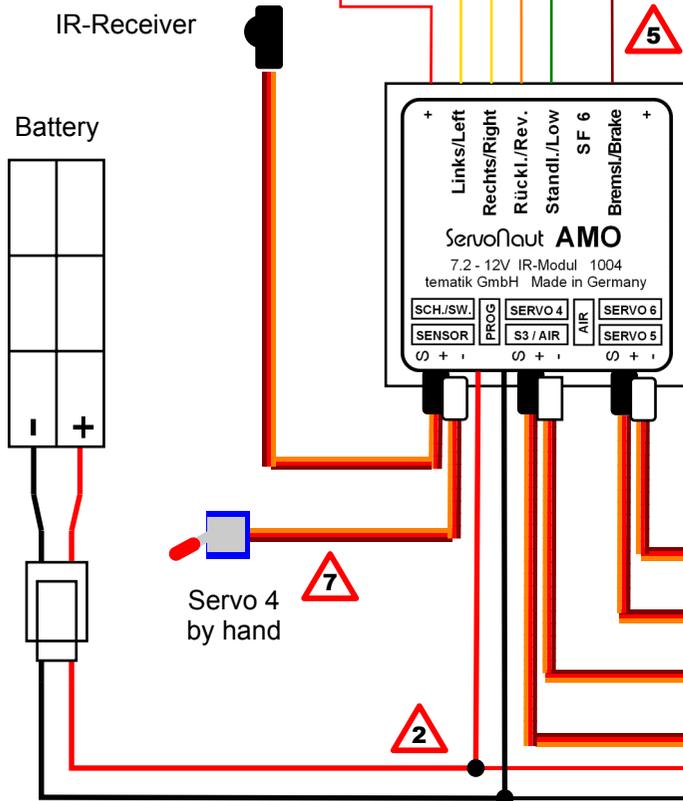
Braking light

Reversing light

Braking light

Side & Rear light

Right indicator



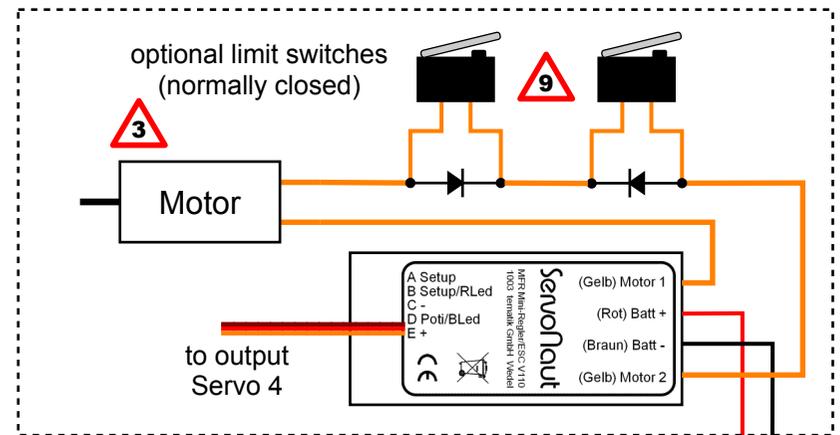
Servo 6
proportional

Servo 5
proportional

Servo 4
two positions

Servo 3
two positions
Only with
K15/30/40/60

Servo 4
by hand



optional limit switches
(normally open)

to output
Servo 4

Motor