Tank 300 Lighting control instruction

Power mode:

Directly power BEC 7.4V

Lights operation

1. When the power on, the stoplight light on, Forwards or backward, the lights off; the cornering lamp will turn on automatically when you turning
2. Use one receiver channel (2nd gear / turnover), every press 1 second, have 4 lights mode (1234) on the cycles switching in sequence.

(Power on mode) 1. Daylight on, High and low beam lamp off

(Turn on the low beam) 2. Dipped headlight on, daylights off; Under this mode press 2 times button within 0.5 second, high beam shinning twice after 1 second;

(Turn on the high beam mode) 3. High and low beam lamp on, daylights off; Under this mode press 2 times button within 0.5 second, turn off the high beam lights. (Back to mode 2)

(Flowing water lights) 4. High and low beam lamp on, daylight, air inlet grille lamp, taillight turn on keep flowing water effect.

1. Switch on / off low beam light: handwheel turn forward(right) full round twice quickly, wait 3 second (no other operations) low beam lights on (back to mode2); do the same operation again, turn off the low beam lights.
2. Switch on / off emergency double flash lamp: handwheel turn backwards(left) full round then back to middle 2 times, wait 3 seconds right/left turn signal and double flash lamp will keep shining (no other operations), the taillight won’t shining, even if have turning signal still keep shinning; do this again, turn off the double flash lamp;
3. (Switch the fog lamps on / off) turn handwheel forward or backwards full round quickly, then back to middle 3 times, wait 3 seconds till fog lights on ( no other operations), do this again, turn off the fog lamp;
4. Rear bumper lamp will on/ off with low beam lights
5. If the turn signal lamp is opposite direction with handwheel, press 1 times reverse button on lamp control board. According to above NO.3 and No.4 exchange the way to turn on the light (turn 2 times left, turn on / off low beam light, turn 2 times right on/ off double flash light);
6. If the reversing lamp is on when moving forward, press 2 times(double click）reverse switch on lamp control board

Cable connection instruction：

1. Follow above indicate connect the signal line to the corresponding channel of receiver and steering servo, put label “AUX” DuPont plug to CH7 or you want set up Signal S port for light control channel, set the corresponding channel mode on the remote control to second overturn.
2. 4pin and 5 pin connect to corresponding on lamp control board, the other four 3pin connect according to wiring
3. Connecting 4pin,5pin Male and female with lock plug before install the car body.

Connect to steering servo connect to receiver CH1

Connect to S port on receiver CH7 (single Dupont plug) 5 pin female with lock plug

Connect to ESC Connect to Receiver CH2

Signal line 5 pin male plug linkage steering wheel servo reserved interface

 Signal transfer line 5pin connect to lamp control board

 4pin male with lock plug frame lamp transfer line connect to 4 pin lamp control board

Front bumper fog lamp(white 5mm) 4 pin female with lock plug

Rear bumper light (white 5mm) frame lamp fog combination lamp line

Rear bumper light (red 5mm)

 Exalted brake light