WIRING DIAGRAM FOR DD UNDERWATER THRUSTER TD1.2
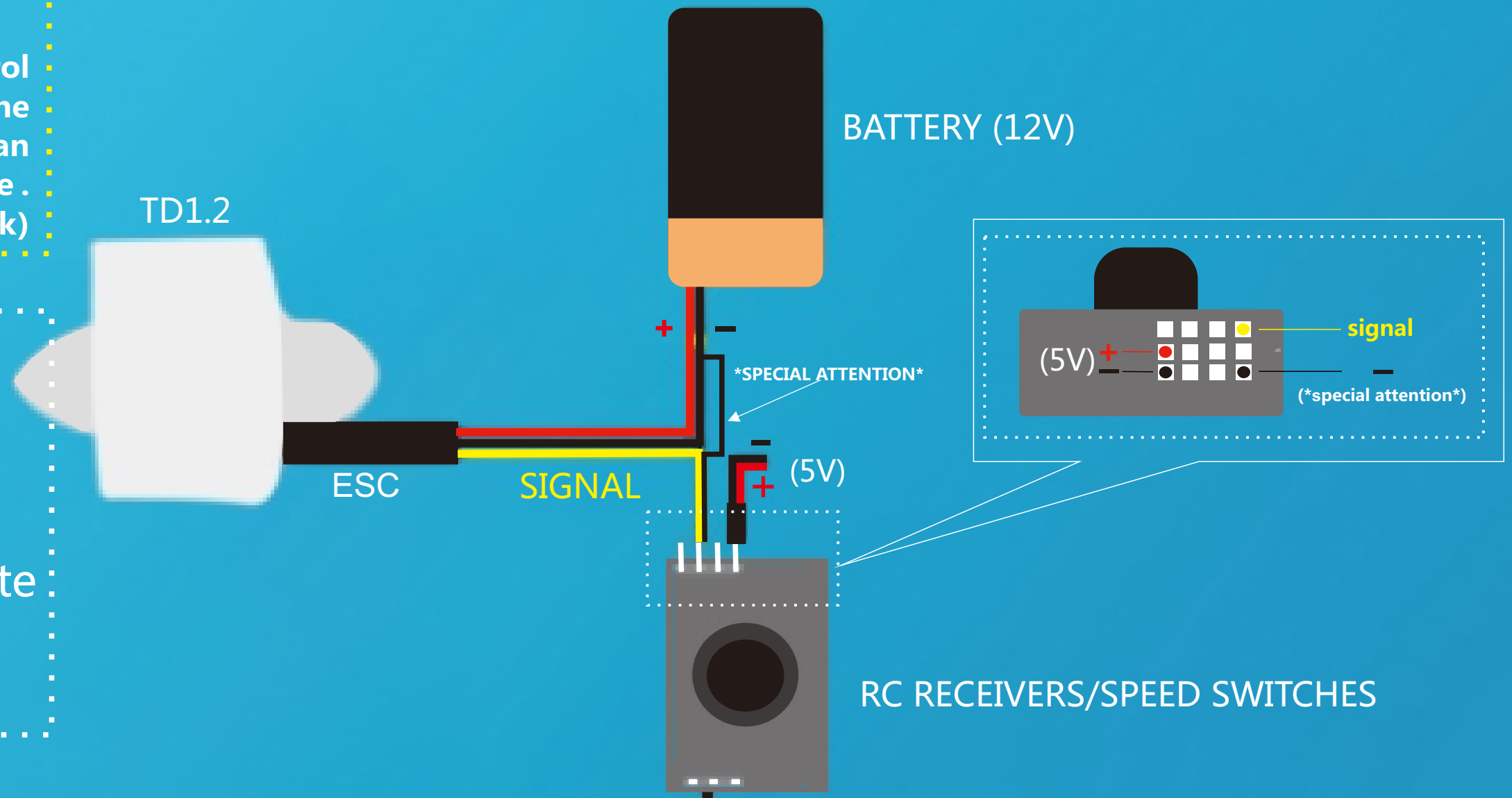
Note: The ESC does not come with a BEC and therefore requires a separate power supply for the remote control receiver or speed control switch.

SPECIAL ATTENTION
If the power supply to your remote control receiver or speed switch is not the same as the power supply to the thruster, you will need an earth wire for the signal cable. (Without it, the thruster will not work)

TD1.2

BATTERY (12V)

SPECIAL ATTENTION

(5V)

signal

(*special attention*)

ESC   SIGNAL   (5V)

RC RECEIVERS/SPEED SWITCHES

Description:
(1) 50HZ PWM signal control;
(2) 1ms~2ms PWM range;
(3) 1ms~1.5ms and 1.5ms~2ms
   are the throttle for the opposite
   direction of thruster rotation;
(4) 1.5ms is the neutral stop.

Initialisation and drive methods:
(1) Connect the wires - turn on the power - beep-beep-beep three times (indicating normal power on).
(2) Give ESC 2ms or 1ms maximum speed signal with one beep.
(3) Give ESC 1.5ms stop signal with one beep.
(4) Initialization is complete and speed control can be started.

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