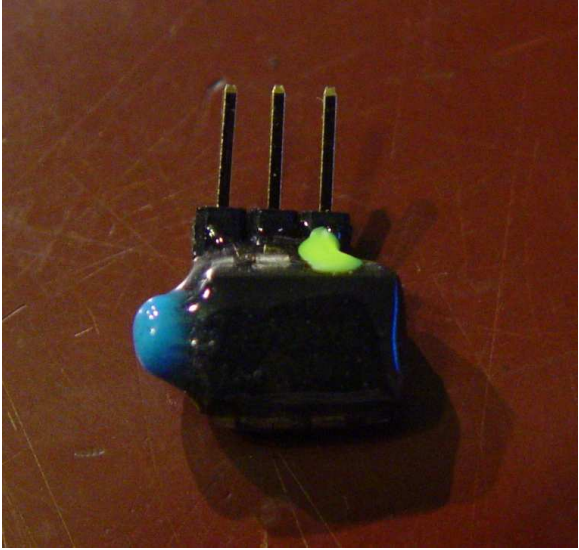


C/L Timer v 1.1

The timer controls ESC and makes time sequences usual for control line modes. It allows to set delay time, flight time, flight power and initial spin-up and warning before switch off. It also allows to define landing procedure. Timer is programmable by Jetibox.



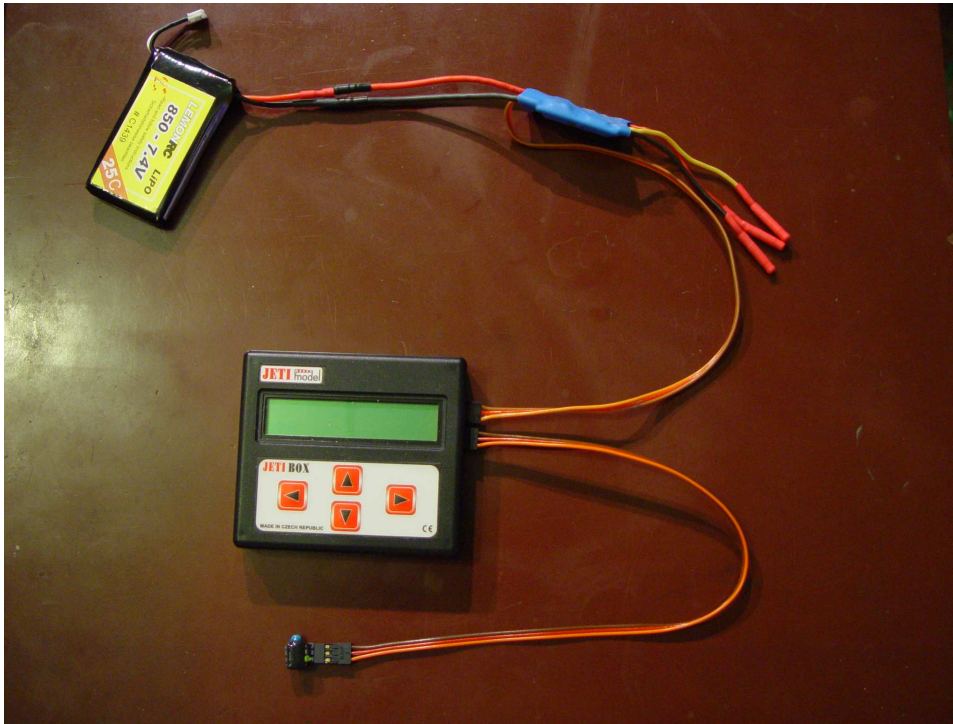
Parameters:

- power supply 3V to 5.5V for running (4.8V to 5.5V for programming)
- all programmable times are controlled on base of the calibrated RC oscillator

Programming:

Connect the upper connector of the Jetibox to the 4.8 to 5.5V power supply (the picture shows power supply from the ESC) and connect the timer to the lower connector by an extension cable delivered with Jetibox.

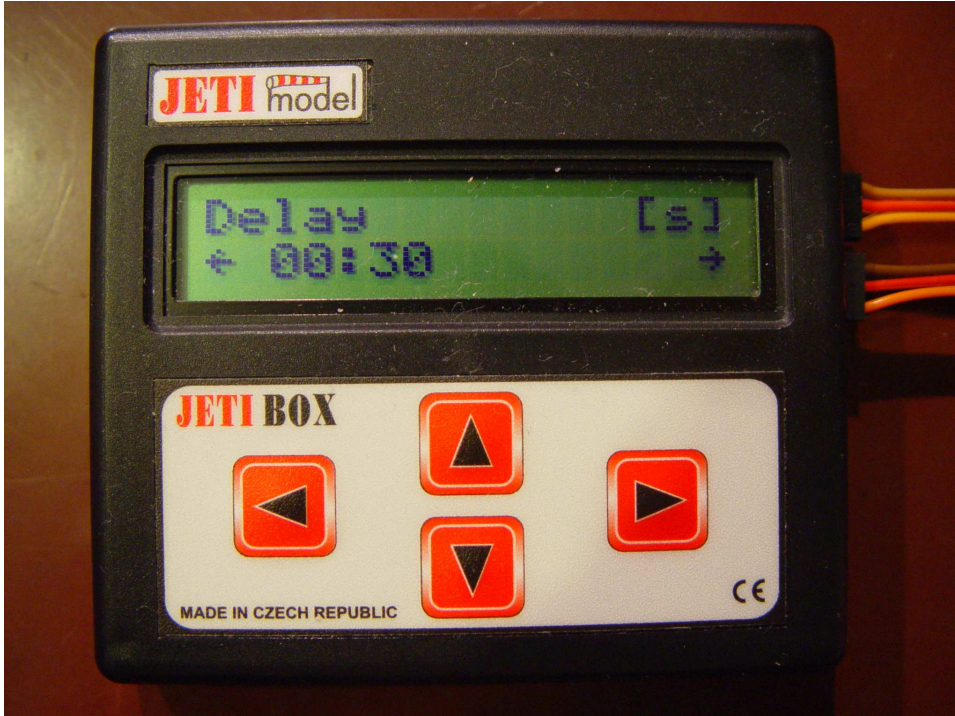
Color dot on the timer marks signal pin, which must be always connected to orange wire of the extension cable.



Now you can switch on the ESC.



Splash screen, arrow down will move to first value.



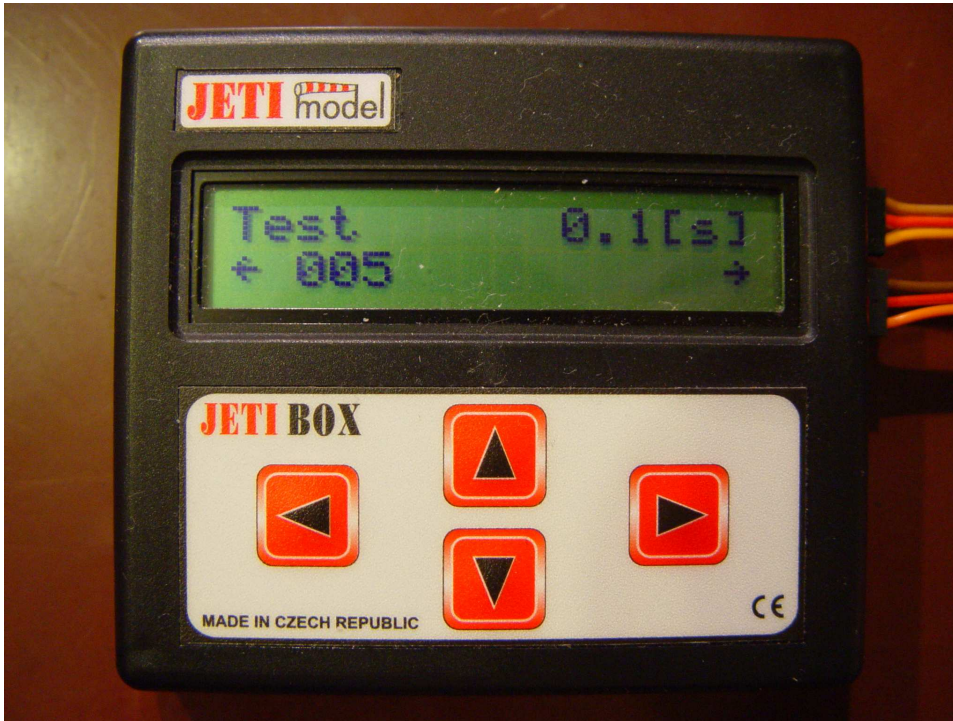
The delay is time interval between switch on and start of the model. Arrows left and right will change value.



The flight time.



The throttle for the flight time. Value is from range 0 to 200, means value 150 is 75% of the maximal power.



Timer can “test” proper connection after 4 seconds after switch on. It will spin up for entered number of 1/10 seconds. Value 5 means 0.5s. Use this feature in case, that ESC does not beep after activating. Use only so short time, which does not give too much power to the prop.



Warning stops motor for entered number of 1/10 seconds 5 seconds before landing.

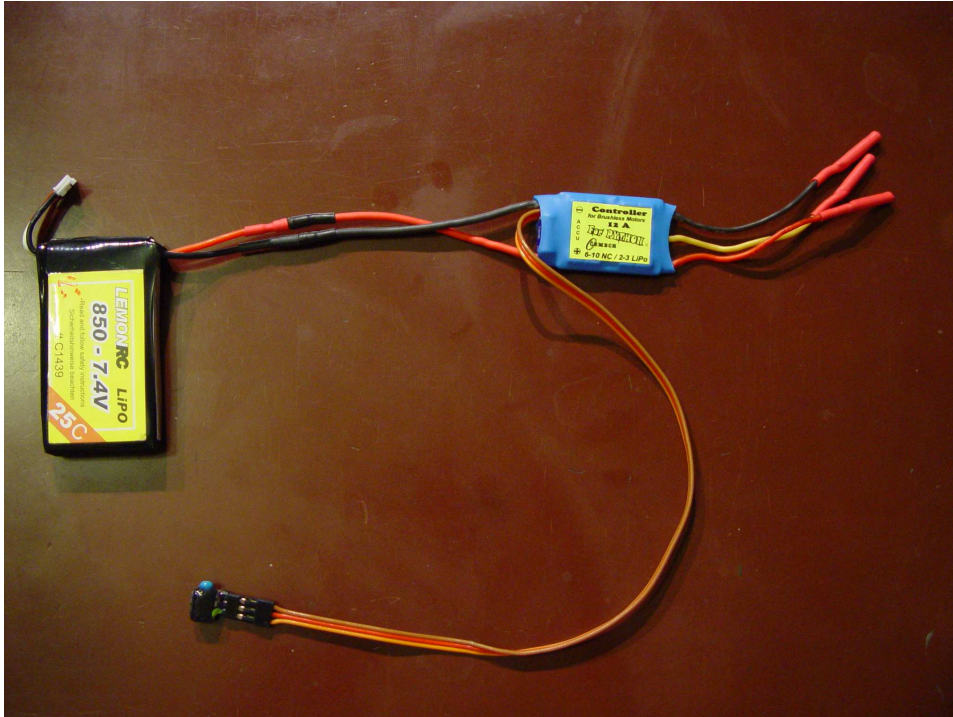


Timer allows powered landing. It could be used either for short time period to speed up model before landing, or it allows lowered power for slow landing. The setting on picture shows 7 second ($70 * 0.1s$) slow landing at 25% (50 from 200) throttle set on next picture:



Usage:

Connect timer to the ESC. Color dot goes to orange wire of the ESC.



Connect power leads and if present, switch on the main switch. Program starts and timer waits specified delay. Then it does flight of the specified time at specified power. If defined, timer does landing procedure. Then, timer waits with power down till next switching on.