The electronics TUNA is used for controlling autonomously almost any 12V-appliances.
TUNA was developped for the use in our sediment traps and landers; in the meantime however the electronics finds also use in dozens of other appliances thanks to its versatility.

TUNA has got a calendar, in which the user puts the desired actions over the PC in; eg. "Start on 15.03.2018 the motor A for 6 minutes or until the limit switch".

The power-outputs of TUNA can bear up to 1A, activation and deactivation operations can be started over the calendar or event-controlled. Once generated work lists can be used again and again due to the integrated time-shift function.

Core of the electronics is a Timer with utmost low power consumption that is lower than the self-discharge of the batteries.

Is TUNA triggered time- or event-controlled, so wakes the Timer the rest of the electronics up and carrys the programmed actions out. Simoultaneously each event is logged and transferred to the PC at the end of the mission.

Up to six motors are operated by TUNA, each motor has got two sensor inputs.