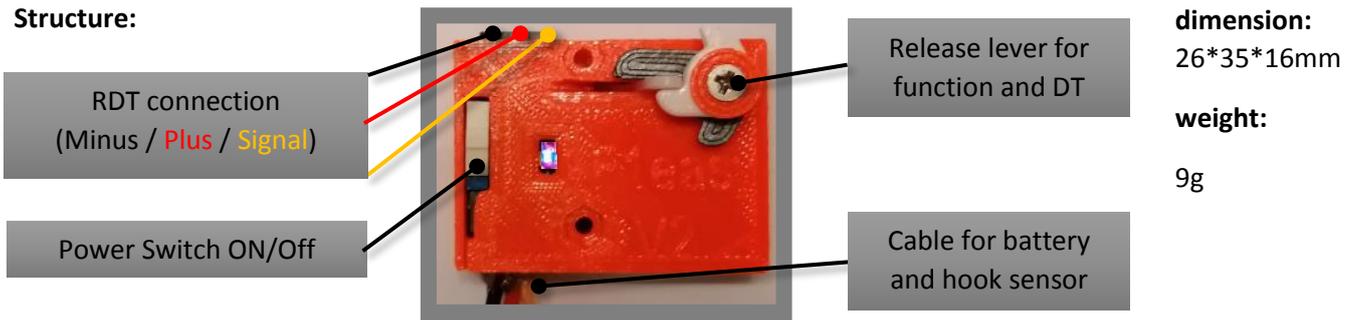


# F1easy V2 (1F/2F)

## Structure:



**dimension:**  
26\*35\*16mm

**weight:**

9g

**Functionality:** The F1easy is a simple electronic timer for freeflight models (class F1A, F1H, etc.). The F1easy controls the connected servo and releases (DT) after the chosen time. Furthermore the 2F version is able to release one more function after a chosen time. It counts the time after the last actuation of the hook sensor. In case of a repeated actuation it counts from zero again. In addition it is possible to use radio DT (RDT). This function will DT the model immediately. 5 minutes after DT the timer will start beeping to simplify the search of the model in the field. If the servo rotates in the wrong direction for the specific application it is possible to reverse the servo direction by connecting the SRev plates next to the piezo with a soldering bridge (This is only possible for the 1F version). The F1easy is designed for a 1s Lipo accu. In the moment the timer is turned on it controls the battery-voltage by itself. If the voltage is lower than 3.6V it moves the servo in the DT position and plays a short melody. Please take care of the battery-polarity. Wrong polarity might destroy the timer.

**Adjustment of flight time (DT setup-mode):** The F1easy has 9 pre-programmed flight times. These times can be adjusted in the setup-mode. To get in the setup mode, the hook sensor needs to be pushed and the timer turned on at the same time. The timer will show that it is in the setup mode by making a buzzing-tone. In this mode the timer beeps the chosen DT time frequently. The long tone represents 1 min, the short tone represent 10 sec. By pushing the hook sensor shortly, the next DT time is chosen. When the highest RDT time is chosen, the next time will be again the lowest time. To save the chosen DT time, the hook sensor has to be pushed for ca. 2 sec. The timer will again beep the buzzing-tone to show that it left the setup-mode and is ready to use again. All flight times above 60 sec. have a 5 sec. flight time extension to avoid narrow flight times due to delays in the release moment.

**Adjustment of function time (F setup-mode – only relevant for version 2F):** The Timer blinks permanently the saved function time during the operation. To change the function time the DT has to be released at first step. Therefore it is possible to wait for the adjusted DT time or release the RDT. After DT is released, a time frame of 3s starts to push the hook sensor. The hook sensor has to be pushed for at least 2s. After this, the setup mode will be active. The timer confirms this by making a buzzing-tone. The currently saved function time is shown by the blinking LED and at the same time by the beeping Piezo during the setup mode. The short tones represent the 0.1s steps and the long tone represents 1s. The adjustment of the function time works like the DT setup mode. The adjustment can be varied from 0.4s up to 1.9s in 0.1s steps. The chosen function time can be saved by pushing the hook sensor again for 2s.

