BSD DT Only Timer v1
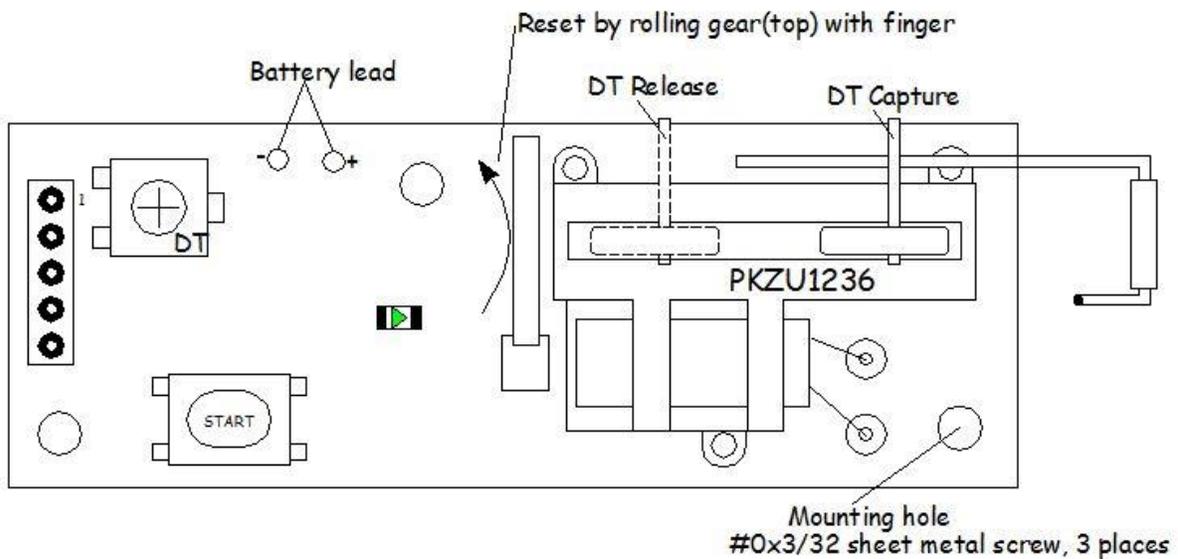
The DT Only Timer is intended for small rubber, or CO2, FF models that need a dethermalizer system. The unit weighs 1.5 grams wo/battery. Suitable batteries range from about 1 gram to 4 grams. The DT time can be adjusted from 1 second to 270 seconds.

Operation

- Reset the DT system – roll top of gear with finger to move traveler back in "Capture" position to hold down mousetrap DT release.
- Connect battery.
- LED will flash at about 2 times per second to indicate the normal operation.
- Adjust DT time using the screwdriver adjustable pot.
- Press the start button until the LED goes on solid (~2 seconds).
- Launch model.
- Recover model and disconnect battery.

Notes

- The LED will stay lit solid during the DT timing. After the DT has activated, the LED will go back to flashing at ~2 times per second.
- The pot is fragile. Please use an suitable screwdriver to adjust the pot.
- Fully counterclockwise on the pot is 1 second.
- Fully clockwise on the pot is ~270 seconds.
- DT time starts after the button is released.
- Use a 1S lipo cell of 30mah to 200mah capacity.
- While the DT is in the active timing mode, LED is lit solid, you can abort the cycle by pressing the start button again. The LED should go back to flashing. This is useful when you recover your model before the DT has activated.
- When resetting the DT system, do not run the traveler all the way back and jam the gears. Leave about a 1/32nd of an inch gap in the slot.
- When the DT activates, it sometimes jams in the "Release" position – use extra force to roll the gear and move the traveler back to the "Capture" position.

Specs

Board size	0.5" by 1.3875"
Weight	1.5 grams w/battery lead
Voltage	3.7 volts, 1S lipo cell
Current draw	<10 ma