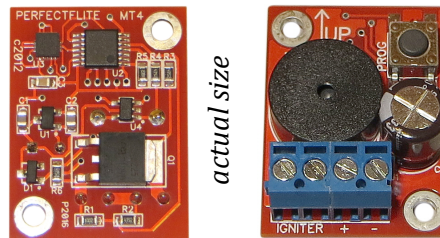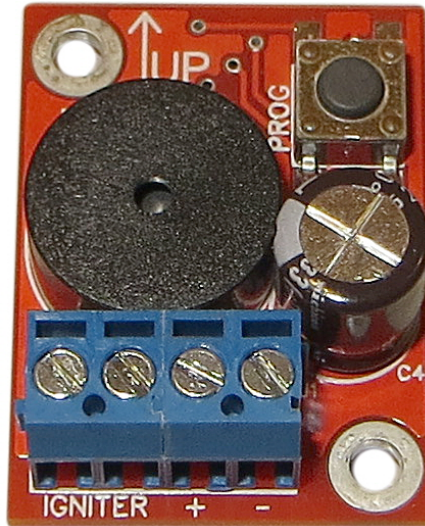# miniTimer4 Digital Timer

The updated miniTimer4 now includes a solid state accelerometer IC. In addition to providing more accurate and flexible triggering, it also reports the maximum acceleration encountered and the peak speed of your rocket after flight!

This timer has many uses:

- Igniting sustainer motors in multi-stage rockets.

- Igniting air-start cluster motors for added thrust and special effects.

- Firing an ejection charge with precision and repeatability for recovery device deployment.

The versatile miniTimer4 is small enough to fit in most minimum-diameter rockets, yet powerful enough to fire 50 igniters at once for massive multi-engine clusters.

Why settle for the limited (and sometimes variable) ejection delays provided by the motor manufacturer? Use a miniTimer4 for deployment and set the exact delay time specified in your simulation!

PerfectFlite

PO Box 29   Andover, NH 03216
(603) 735-5994   www.perfectflite.com

actual size

All this, for only

$44.95

Suggested Retail Price

Key Features

- Time delay is easily adjustable from 0 to 99.9 seconds in precise 0.1 second increments. Setting is retained when power is removed, no need to set it again until you want to change it.

- Timer can be configured to begin timing from ignition or burnout.

- Mechanical G-switch has been replaced with accelerometer IC for improved triggering.

- Accelerometer reports peak acceleration (in Gs) and speed (in MPH) after flight.

- Beeper provides audible confirmation of settings and reports igniter continuity while awaiting launch.

- Built-in voltmeter reports battery voltage on powerup – no more guessing about battery condition.

- Post flight locator siren aids in locating your rocket.

- Ultra high current capability allows use of multiple igniters for clustered airstarts. Maximum current of 45 amps for 1 second to 100 amps for 1 millisecond.

- False trigger filtering – Will not trigger due to vibration, shaking, fall, etc.

- Intelligent trigger threshold adapts to acceleration level, allowing reliable triggering even with short burn motors (Warp9, Vmax).

- 23G maximum for acceleration and speed reporting, 100G maximum for timer functions.

- Rugged SMD construction, stringent QC testing, and internal self-diagnostics assure uncompromising reliability.

- Wide operating temperature range of -40F to +185F.

- Measures 1.2"L x 0.9"W x 0.6"H, weighs 0.25 oz.

- Backed by full three year warranty.