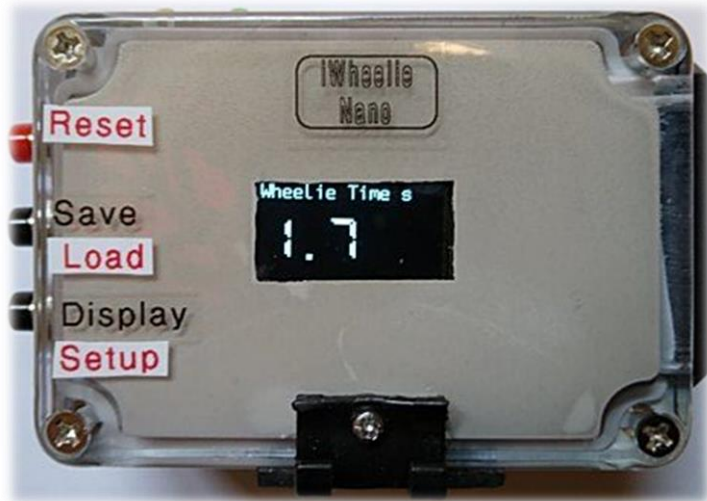


# Wheelieometer



*by Andrew*

## Display Modes:

- Wheelie time and angle
- Current, average, maximum speed
- Distance
- Energy and power
- Date and time
- Weather



## Specifications:

- 16 MHz 32 kB ATmega328 processor
- 128 × 64 pixel 0.96" OLED display
- 3-axis accelerometer
- Battery-backed real-time clock
- Temperature, humidity and barometric pressure sensors
- Optional reed switch and spoke magnet for distance, speed, energy and power functions
- Rubber strap for mounting
- Easily accessible 9 volt PP3 battery
- Reprogrammable via USB port and free Arduino software

## Functions:

- 11 display modes
- 10 user memories plus auto save memory
- Self-calibrating angle measurement
- User-friendly setup menu
- Configurable angle threshold, angle measurement averaging time, tilt detection\*, wheel diameter, rider and bike weight, measurement units and display brightness
- Wheel sensor test function

\* The tilt detection feature helps ensure that the timing of a wheelie does not end if the rider "steers in the air" as illustrated in the photograph