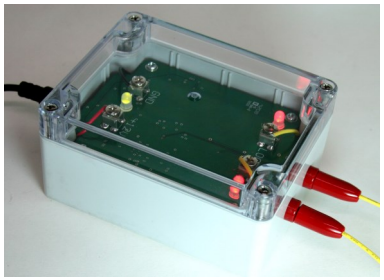
## Components

**IDEC**


**Activated Transponder**



**Activator**

All components subject to change. Please contact us for latest specifications

| IDEC | Single and Dual Loop Models |
|---|---|
| Dimensions | 6” x 5” x 2”(≈15 x 13 x 2.5 cm) |
| Interface to PC | RS232 or Ethernet |
| Power Supply | 6VDC, 1A, Center Positive |
| Multiple iDECs | Yes |
| Internal Clock Stability | Up to 0.5 ppm |
| External Clock Source | GPS Capable |
| Coax from Loop Antenna to IDEC | Up to 1000 feet (300m) depending on conditions |
| Memory | FLASH - 64,000 crossings |

| Transponder | TXACT Model |
|---|---|
| Dimensions | Approx. 2.75” x 1.75" x 1" (≈7.6 x 5.1 x 2.5cm) |
| Weight | Approx. 2.8oz (80grams) |
| Temp Range | -22-158°F (-30-70°C) |
| Battery Life | Car: Approx 300 Hours<br>Kart: Approx 500 Hours |
| Operational Indicator | LEDs |
| Humidity | 90% Relative |

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# Electronic Race Timing & Scoring

***Race Timing Systems & Scoreboards.***

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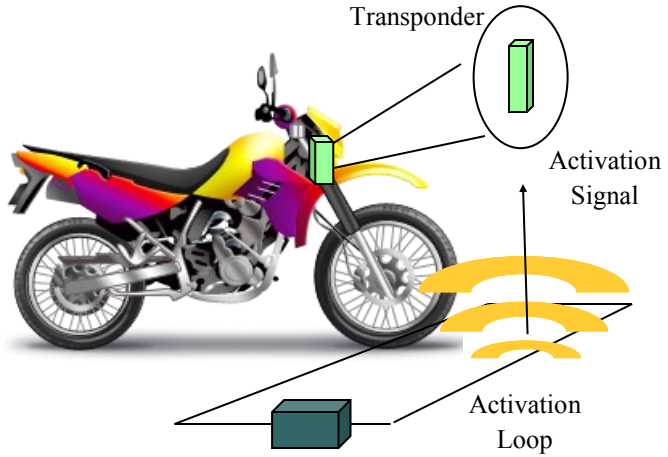
# Race Management System

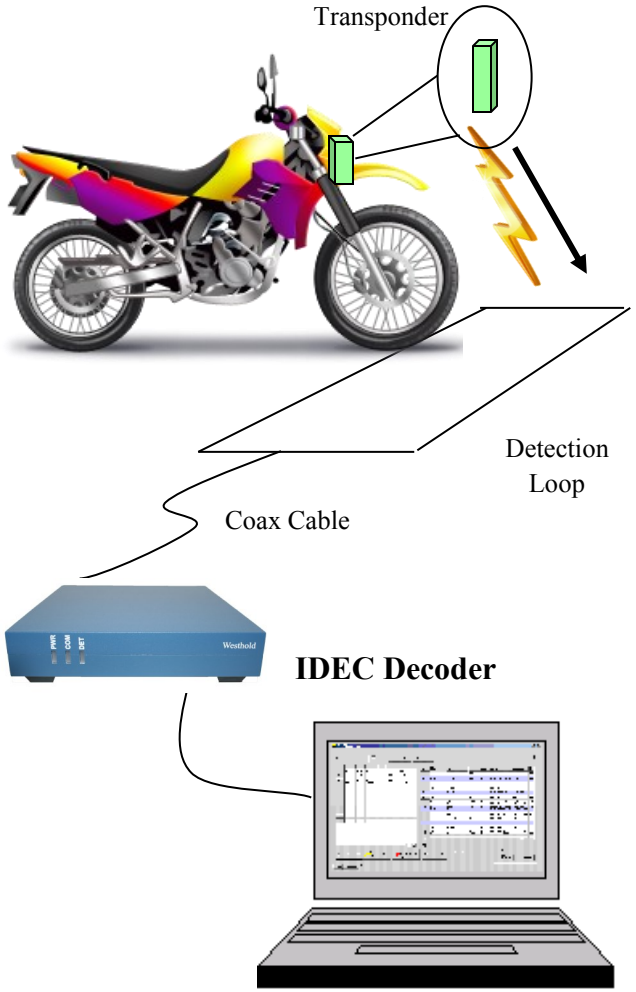
The Race Management System (RMS) is an electronic timing and scoring system capable of accurately tracking lap times, qualification times, split times and scoring races. The RMS consists of electronic hardware and MS-Windows based software. Enormously flexible and compatible with software from numerous vendors, it offers an array of choices to fit a wide-assortment of needs.


It is an extremely precise and accurate system with a typical spatial accuracy of 2 to 3 inches or less and a resolution of better than 1/10,000th of a second. Capable of tracking multiple vehicles traveling at over 300 miles per hour it relieves personnel of the overwhelming and often impossible task of hand-scoring multiple races.

The computer can simultaneously post race results to the scoreboard and remote monitors and wireless hand-helds with real-time information. With the ability to broadcast information to wireless hand-helds and computer terminals located in the pits, grand stands and announcer's booth, the RMS raises the level of entertainment and excitement for both spectators and race participants alike.




1. Activation signal turns transponder on.
2. The transponder is active for 1 hour. If it hears the signal again, it will reset for another hour.
3. The activation loop does not have to be on the track. It can be at the track entrance.


1. When transponder goes over activation loop, it is detected by IDEC decoder
2. Race Manager software displays on PC
3. Race Manager sends data to scoreboard, internet and wi-fi network.