Components

IDEC

Activated

Activator

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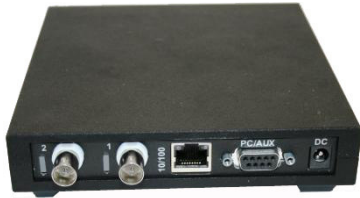
IDEC	Single and Dual Loop Models
Dimensions	6" x 5" x 2"(≈15 x 13 x 2.5 cm)
Interface to PC	RS232 or Ethernet
Power Supply	6VDC, 1A, Center Positive
Multiple iDECs	Yes
Internal Clock Stability	Up to 0.5 ppm
External Clock Source	GPS Capable
Coax from Loop Antenna to IDEC	Up to 1000 feet (300m) depending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

Transponder	TXACT Model
Dimensions	Approx. 4" x 1" x 1" (≈10 x 2.5 x 2.5cm)
Weight	Approx. 2.6oz (75grams)
Temp Range	32-122°F (0-50°C)
Battery Life	Depends on usage Normal use is about 2-3 years
Operational Indicator	LEDs
Humidity	90% Relative

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Electronic
Race
Timing and Scoring

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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.

NOTE: Activated Transponder will look different

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.

Transponder

Activation
Signal
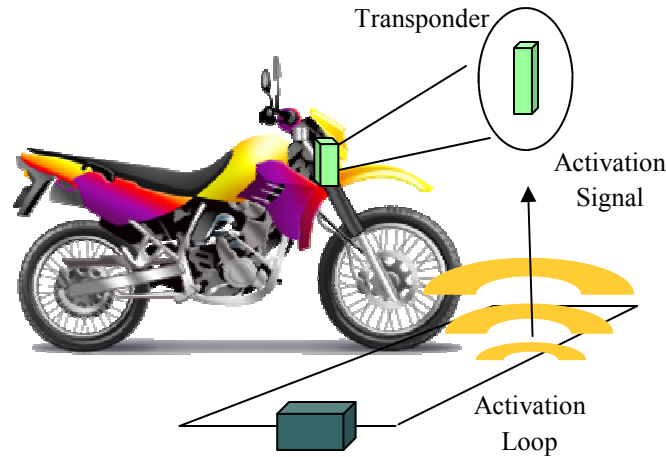
Activation
Loop

1. Activation signal turns transponder

2. The transponder is on for 1 hour. If it sees the signal again it will reset for 1 hour.

3. The activation loop does not have to be on the track. It can be at the track entrance.

LAP 103   TIME 18573

1	2	3	4	5
99	82	51	30	45

Transponder

Detection
Loop

Coax Cable
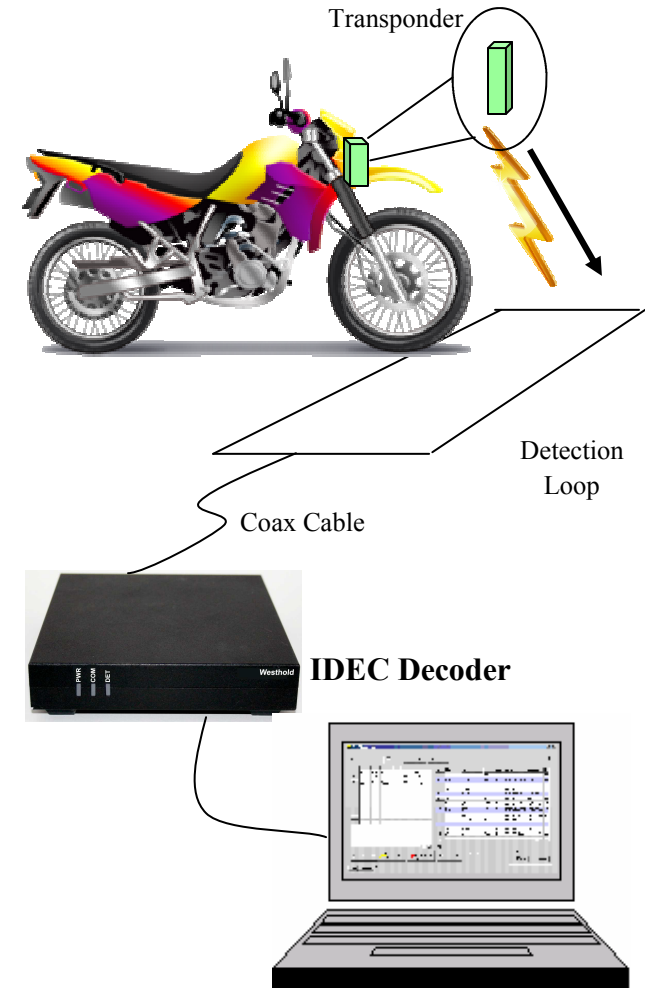
IDEC Decoder

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.