Activated Timing Systems

The Activated Timing System 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.
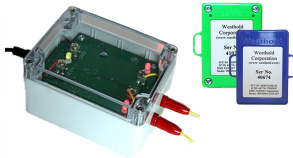
System components:

1. IDEC Decoder

2. Activator

**3. Activated transponders (blue or green)**

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
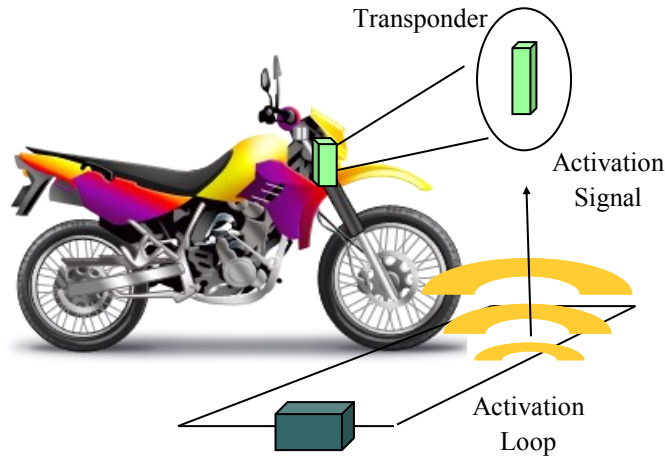
Activation Loop

Transponder activation:

1. Activation signal from activation loop antenna 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.

4. The activation loop should be at least 20 feet from the detection loop.

Transponder

Detection Loop

Coax Cable
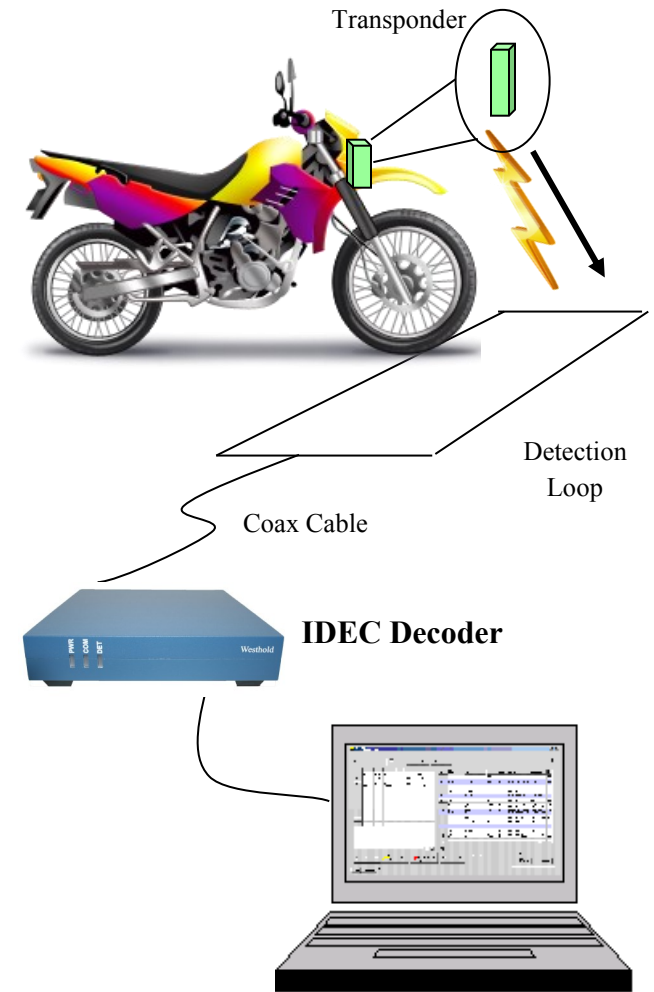
IDEC Decoder

Transponder detection:

1. When the transponder crosses the detection loop, it is recorded by the IDEC decoder.

2. Race Manager software displays the crossing on the PC.

3. Race Manager sends data to scoreboard, internet, and wi-fi network.

WESTHOLD