Just run with it!

Sport Timing System

Orbiter’s Sports Timing system and Lap Counter is just what your organization needs to make a 5 K run successful. It uses radio frequency identification (RFID) tags to keep track of runners, bikers, walkers, skiers and other moving objects. The Orbiter LapCounter registers each lap and time count as the tag passes an Orbiter RFID reader. The device may be used for many activities including sporting events, training regimens, fundraisers and vertical feet tracking.

With the LapCounter system, you get easy-to-use software allowing multiple, individual and team enrollment. Timing results can then be wirelessly downloaded to a PC or accessed through a report displayed on the Internet. Orbiter’s LapCounter allows for unattended, automated, and self-timed pursuits. Software tracks individual and team results. It is a completely “touchless” system with a range of 30 ft. or 15 ft. depending on the model purchased.

Delivered as a complete system out-of-the-box, LapCounter’s software installs easily and tag registration is a breeze. Simply place the LapCounter itself at the Start/Finish line, power up and you are ready to go. No power cords are needed, as each LapCounter is battery-powered. LapCounters can be operated in standalone mode or networked. Orbiter’s LapCounter allows multiple events to be run simultaneously over different start/stop time periods.

Orbiter’s LapCounter is portable, affordable and easy to use - making it the perfect automatic timing system for non-profit fundraisers, clubs, resorts, schools, sports training facilities, cross country races and more.

Many types of tags are available including disposable bibs.

For more information
866.938.3587 Orbiter.com

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US Patent #7605685 and patents pending.
The LapCounter (the vertical bollard) reads radio frequency identification (RFID) tags when they are presented. A record of the tag detection and location is recorded. The reader has tag anti-collision protocol - allowing many tags to be read simultaneously. An adjustable volume, confirmation buzzer and powerful LED light signifies to the user that the tag has been read.

LapCounters may be networked together, with or without the need for standard network connections. This allows LapCounters to be placed in remote areas and set up outside of wireless range of each other and the server.

- Multiple LapCounters may be used to avoid queues for crowded events. LapCounters may be removed from or added to ongoing events at any time. LapCounters may be positioned outside of wireless range of each other and the server.
- RFID Reader: Mid-range Version = 15 feet read range
  Long-range Version = up to 35 feet
- Clock keeps time when LapCounter is on standby.
- Battery included with built-in charger.
- Administrative Software allows for Internet connection, remote enrollment, advanced reporting and administration.
- Both systems are 52” Tall x 12” Wide x 3” Deep

Weather-proof, cold-temperature design: -20 degrees F on battery, -30 degrees on AC if started above -20 degrees F.
Detect ranges to choose from:
1) 15 ft.  2) 30 ft.

Color: Orange – graffiti and UV tolerant.
Weight: Approx. 20 lbs. 40 lbs with detachable base.
Size: (excluding base) 52”X12”X6”
Portable: Polyurethane ball-bearing wheels.
Tag-detect response: LED strobe and variable volume alert
Power: AC or Battery power. Battery lasts up to 8 hours. Battery operates for several days, in automatic standby mode. Built-in battery charger.

*Model shown is for high-wind environments. Fixed-base model also available.