Xtra.Remote Control Timing System

Xtra.Timing Host
- Receives the lap times from each Xtra.Shutdown Transponder
- Communicates the lap times to the PC software

Action! Speed! Adrenaline!
That is what you offer your customers. That is karting! But this also brings risks. No one needs to explain that one person can cause enormous damage in seconds. Material damage which rapidly can amount to tens of thousands of euros or – even worse – personal injury with all possible consequences of liability.

De Haardt developed especially for you the *Xtra.Safety System*: a safety tool that should be present in every kart track where the safety of customers and staff and the preservation of material has the number one priority.

Already in 1998 De Haardt developed her first safety system for kart tracks. Affordable and functional; that was the objective. As of now this safety tool has been further developed to the *Xtra.Safety and Timing System* – still affordable and functional but but extended with a variety of options.

The system is designed with expandability in mind. Numerous options are available to regulate and record all what is happening at your kart track.

Xtra.CDI Shutdown Transponder
Xtra.EV Shutdown Transponder
- Controls the maximum speed of a kart
- Communicates the lap times wirelessly

Xtra.Timing Sensor
- Detects Xtra.Sector Beacon loops
- Measurs the lap time when passing Xtra.Sector Beacon loops
- Controls speed based on location thus replacing the Xtra.Sector Sensor

Xtra.Sector Beacon
- Marks specific locations and/or creates sectors using electromagnetic loops
- Each loop has its own ID and/or static function
- Marks locations for lap timing

Xtra.Race Control and Timing Software
- PC software to control the speed of karts (compatible with Windows and OSX)
- Touchscreen friendly
- Shows lap-time results
- Application Programming Interface (API) freely available
- API implemented by all major kart software suppliers

The *Xtra.Timing System* gives you complete control of your kart track with only one system. The major advantage of this *Xtra.Timing System* is the fact that the *Xtra. Safety System* is fully integrated.
Two birds with one stone!

The basic system is equal to the *Xtra. Safety System* i.e. the lightweight and easy-to-use *Xtra.(Mini) Remote Control* that is linked to the *Xtra.Shutdown Transponders*. In addition every kart is equipped with the Xtra.Timing Sensor to measure lap times. It runs from the power already available on the kart, thus it never runs out of battery. Apart from the its timing capability the *Xtra. Timing Sensor* has the same features as the *Xtra.Sector Sensor* thus replacing it. An *Xtra.Sector Beacon* needs to be installed to mark the start/finish line. The system is available for both fuel and electric karts.

The *Xtra. Timing System* is connected to a computer via the *Xtra. Timing Host*. The Host receives the information from the *Xtra.Shutdown Transponders* wirelessly and forwards this information to the computer. Multiple split times can be registered by adding additional *Xtra.Sector Beacons* on the track.

SPD1 SPD2
SPD3 SPD4
SHIFT STOP

km/h
7.042
best lap
00:29.4

your distributor

de Haardt

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Photography: Marco Hamelink, courtesy of Avontuurfabriek.nl

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de Haardt
Xtra.Timing Sensor

drive
direction

Made in the Netherlands

the**Xtra.**Timing System

from the only original one

de Haardt