



IN RESPONSE TO THE DEMAND OF COMPETITORS THE SENTINEL SYSTEM HAS EVOLVED

⇒ PROBLEMS DISTINGUISHING BETWEEN THE 'I WANT TO OVERTAKE' SIGNAL AND THE ACCIDENT WARNING ALARM

Previously, it was the intensity and duration of the audible and flashing light signals that permitted drivers to distinguish between the two types of warning. However, in the heat of the moment, certain drivers had a tendency to confuse the 'I am looking to overtake' signal and the 'accident warning' alarm.

THE SOLUTION: The buzzer function remains unchanged (two different signals). **However, the flashing light function will only be activated to give advanced warning of an accident.**

 For competitors equipped with the LUM1 flashing light (recommended), there will no longer be any doubt:

If the buzzer sounds and...

- the flashing warning light IS activated, then the hazard is in front of the car (accident).
 - the flashing warning light IS NOT activated, it means the 'I want to overtake' signal of another car has been activated. The danger is behind (the competitor behind wishes to overtake).
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⇒ SPEEDOX 2007 (DISTRIBUTED BY ERTF GPS): CHANGES TO THE SPEED LIMITS ALARM

SpeedoX gives race and service vehicles a visual and audible warning signal as they approach a zone where a maximum speed limit has been set by the organiser. The system allows competitors to avoid being penalised, or even excluded!

SpeedoX 2007 automatically detects the maximum authorised speed as a function of the zone in which the vehicle is located and transmits this information to the driver who no longer needs to keep his or her eyes riveted to the speedometer!

*Example - When entering a village, SpeedoX 2007 gives a clear, powerful warning signal to slow down until the authorised speed has been reached. This information is transmitted 180 metres before the penalising system of the GPS for breach of the speed limit is set off! **The system marks a revolution for the safety of competitors and local populations alike.***

In the case of service vehicles, the driver is frequently awake while the navigator sleeps. Thanks to SpeedoX 2007, the driver continues to be kept informed of speed restrictions and no longer risks penalising his team; or worse - exclusion.

On the 2006 Dakar, the driver used a switch to choose between the 'LOW SPEED – VILLAGE' or 'HIGH SPEED' functions. For the 2007 Dakar, the organisers have introduced three speeds for crossing villages (30, 50 and 90kph), plus 'high speed'. This can clearly no longer be handled by the two-way switch introduced last year.

 It is therefore necessary to update your SpeedoX 2006 (please contact ERTF GPS).



☑ What is SENTINEL?

Sentinel is a safety system fitted to all racing vehicles. It has three principal functions:

- **The vehicle behind wants to overtake:** When the driver of a car or truck presses on the push-button control, a signal is transmitted to the competing bike/car/truck that it wishes to overtake (range: 150 metres). The driver about to be overtaken receives an audible warning.
- **Accident warning alarm:** If a bike/car/truck is stopped in a dangerous position (concealed behind a dune, on its roof after a rollover, etc.) and risks being hit by an approaching vehicle, the driver simultaneously presses on the two 'Alarm' keys of his Sentinel keyboard. The warning signal alarm is transmitted to approaching bikes/cars/trucks in the form of an audible signal plus a flashing light (range of up to 500 metres).
- **Data recorder for organizer's purpose:** Digital time recording of ON, OFF, overtaking signal sent and received, alarm signal sent and received, race numbers of the competitors (emitters and receivers).

☑ What do I need?

→ **Mandatory:** Power cable ALM1, sound buzzer SNR1 and mounting-bracket FIX1

→ **Recommended:** Flash-light LUM1, which helps you to distinguish the 'I want to overtake' signal and the accident warning alarm.

You **have to install** these items before the scrutineering. All bad installation will have to be remakes on the spot by your care: this delays you in the course of the technical scrutineering. Your time to finish the technical scrutineering being limited, the organizer would be able to inflict penalties to you.

☑ When will I receive the equipment?

→ We'll send the mandatory kit as soon as we receive your order form

→ You'll get the Sentinel unit during the scrutineering

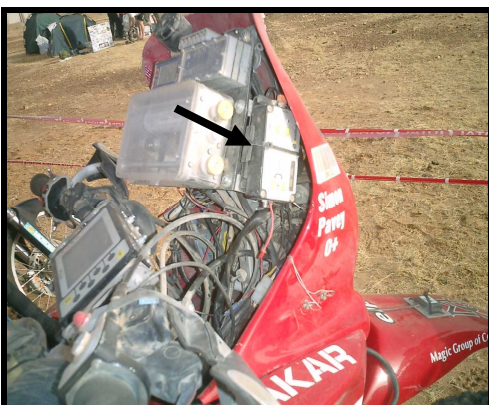
☑ When will I return the Sentinel unit?

You have to return it **at the end of the race** or **at the bivouac** in case of a retirement.

You have to demand a receipt mentioning the appearance of your Sentinel.

If the Sentinel is not returned 4 weeks after the end of the race, it will be taken on your deposit.

☑ Where do I install the equipment?



☺ Further information and drawings will be sent in your parcel ☺