

## STEALTH GPS-2



### **STEALTH GPS-2 marks the end of the infrared systems age in track laptiming.**

**The release of Starlane 3rd generation GPS laptimers can satisfy all the needs of motor racing users by supplying a high technology, smart device at a very competitive price.**

#### **1) GPS RECEIVER AND ANTENNA BUILT IN THE INSTRUMENT:**

the Stealth shock-proof ABS body accommodates the GPS receiver and the relative antenna. This solution can make it really handy and simple, not requiring the installation of any additional detail on the vehicle.

#### **2) YOU CAN SAY GOOD-BYE TO ALL UNPRACTICAL INFRARED TRANSMITTERS ARRANGED ON THE PIT WALL:**

the use of the GPS system intended to detect the lap time will make STEALTH GPS-2 completely autonomous, requiring no beacon transmitters, such as the infrared ones used by old-generation systems.

Everything is getting much simpler. It is no longer necessary to arrange the transmitter and to recharge the battery, which is extremely annoying and unpractical, with the risk of forgetting it on the wall or having it stolen.

#### **3) MANAGEMENT OF THE FINISH LINE AND 3 INTERMEDIATES:**

just press one key to set up the coordinates of 4 finish lines (main finish line + 3 optional intermediates) during the first lap. Whenever you cross a finish line or an intermediate, STEALTH GPS-2 will indicate the relative drive-through time and store its value. You can therefore quickly evaluate your own performance even if you are driving along a part of the track far from the main straight stretch, which would be expensive and unpractical if you used any other type of chronometer.

#### **4) INDICATION OF THE ACHIEVABLE IDEAL TIME:**

by managing intermediates, STEALTH GPS-2 can calculate the time a driver can ideally achieve for every single session. This function is obtained by adding the best sectorial times. This will help you understand the lap time you might have achieved if there had been no traffic in a specific point of the track or if you had done a lap on top of your absolute performance.

#### **5) DOUBLE FUNCTION "BEST LAP" LED:**

the "BEST LAP" LED will turn on if you have improved your previous lap and it will blink if the lap you have just done is the best of the session. This solution will supply the driver with all the information necessary for performance without any distraction.

If you have set up intermediate finish lines, the LED is also enabled whenever you cross an intermediate. This means that this instrument is extremely useful to realise without any distraction whether you are improving compared to the same intermediate time of the previous lap or whether you have just accomplished the best intermediate time of the session.

#### **6) GPS SPEED MEASUREMENT:**

the advantage of using a GPS system is also that you can measure the vehicle speed with the highest degree of accuracy without having to install any sensor on the vehicle. No user setup is required and, above all, any measurement is always accurate, not altered by the inclination of the vehicle or wheel skidding.

#### **7) DOUBLE HOUR METER FOR THE PERFECT PERIODICAL MAINTENANCE OF THE VEHICLE:**

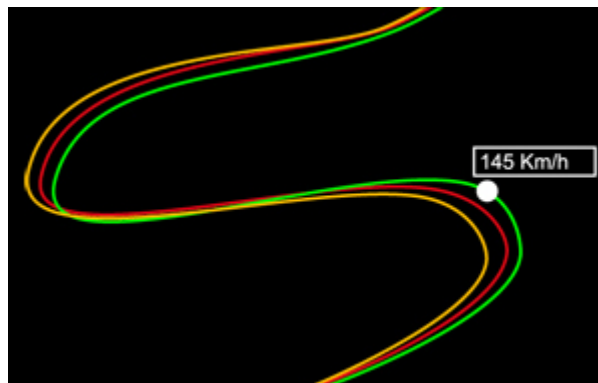
STEALTH GPS-2 has also got two hourmeters that can be separately reset for the periodical maintenance of the vehicle. Hour Meters are activated to receive the GPS speed signal. This solution can operate the hour Meters without any connection to vehicle harness.

#### **8) WIRELESS DATA DOWNLOAD BY MEANS OF THE BLUETOOTH:**

STEALTH GPS-2 can integrate the Bluetooth communication module for wireless connection with the computer in order to download the data that will be analysed, filed and printed by means of the DigiRace-LE software.

#### **9) THE DIGIRACE-LE SOFTWARE:**

it's always possible to download from the website the DigiRace-LE software that can file, analyse and print the data acquired and graphically represent the paths you have driven across with the relative acceleration and deceleration points for a lap-by-lap comparison.



#### **10) 999-LAP MEMORY WITH AUTOMATIC MANAGEMENT OF 99 TEST SESSIONS:**

STEALTH GPS-2 will automatically create a new session whenever you access the track. This means that you can analyse the times you have stored during the various sessions even at the end of the day without having to delete memory whenever you access the track. You can store the Date and Time of every single session as well as the total time, the intermediates, the maximum speed, the max. engine revolutions and the engine speed at the max. speed for every single

lap.

**11) STORAGE OF THE FINISH LINE COORDINATES OF THE TRACKS MOST USED:**

you can store the coordinates acquired for the finish line of the tracks you are training on most frequently. You can file up to 16 tracks and easily call the finish line of the current track without having to reset it every time.

**12) STEALTH GPS-2 IS COMPLETE WITH A BACKLIT LARGE-SIZE GRAPHICAL DISPLAY:**

this solution has provided for the development of a software unit that can analyse all stored data and set up all wished functions in an unequally user-friendly and immediate manner. The display is of a transfective type, which means maximum visibility also in the sunlight when backlighting is off.

**13) EXTERNAL SUPPLY:**

supplied by 12V vehicle battery or by optional cases for 9V batteries or optional batteries. Moreover, STEALTH GPS-2 is complete with powerful energy saving and self power-off functions the user can set up to make the best use of battery performance. It is supplied with a specific extension with eyelets for battery connection and with a connector on one side of the instrument for rapid disconnection.

**14) WATER-PROOFNESS:**

STEALTH GPS-2 is waterproof and it can also be used in case of rain.

Specifications:

- Automatic chronometer with 1/100 second resolution
- GPS detection system with aeronautical algorithms
- Calculation of the achievable Ideal Time
- Calculation and visualization of 3 Intermediates
- Digital speed indicator
- GPS speed indication
- Max. speed = 350 Km/h or 218 Mph
- Double hour counter for engine maintenance
- Bluetooth data download
- Memory of 999 laps that can be managed in 99 sessions
- Storage of max. speed values for every single lap
- Speed indication in Km/h or Mph
- Settable self power-off
- Settable energy saving functions
- 122x32 backlit graphical display
- Waterproof
- Dimensions: width 90 mm - height 45 mm - depth 18 mm
- Supply: external vehicle 12Volts or optional 9Volts battery cases or optional batteries.
- Universal installation: DigiRace-LE software available for download
- Intended use: car - motorbike - scooter - kart -ATV


**Content of the STEALTH GPS-2 package (CODE: CSTHGPS2):**

- N° 1 STEALTH GPS-2 Instrument
- N° 1 Elastic support kit
- N° 1 Dual Lock Adhesive strap fastening kit
- N° 1 Supply cable from 12V vehicle battery
- N° 1 User Manual

**Software is not included in the package**

**[click here to download DigiRace-LE](#)**

Optional Accessories:

<p><b>EXTERNAL BATTERY CASE FOR DOUBLE COMMERCIAL 9V BATTERY TYPE PP3</b> (COD. BPP3C2)</p>
<p><b>SUPPORT KIT FOR CROSS-COUNTRY MOTORCYCLE AND SUPERMOTARD</b> (CODE: KITSUPATHMOT)</p> 
<p><b>STRAP SUPPORT KIT FOR HANDLEBAR CROSSPIECE (CODE: KITSUPATHSTP)</b></p>



## DigiRace-LE SOFTWARE FOR THE SETUP OF THE XENON-S DASHBOARD AS WELL AS FOR ANALYSING AND PRINTING ACQUIRED TEST SESSIONS.

The DigiRace-LE graphical interface is so user-friendly and intuitive that you can set up the operation parameters of the Xenon-S dashboard as well as analyse acquired data rapidly and accurately.

### The main DIGIRACE-LE functions:

- Download of the lap times and test sessions with the maximum Speed, Engine Rev and Temperature values.
- Analysis and overlap of the paths detected by the GPS system.
- Analysis, printing and saving of downloaded data on files.
- Recall and print of sessions you have saved before.

### GPS TRACK



[Click on the image to enlarge it.](#)

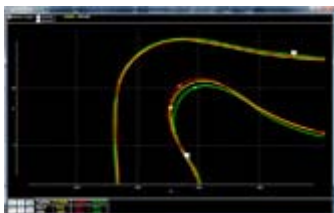
The window intended to analyse the GPS track represents the track with the paths run across by the driver.

The RED and BLUE areas respectively indicate ACCELERATION and DECELERATION phases.

The vehicle position is indicated by a yellow marker you can arrange at your own discretion by using the mouse

or the  ,  keys.

### COMPARISON OF PATHS



[Click on the image to enlarge it.](#)

You can overlap the paths of several laps.