



GPS-Sentinel Unik 2 for bike

Rally Raid specific GPS

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Main features :

Rally Raid specific GPS

4 buttons keyboard

Navigation screen

Road editor

Graphic tracer

Validated CP check

Speed control

Power supply :
9 to 32 V

Average consumption :
220 mA in 12 V.

Dimensions :
102,7x123x51 mm (box).

Weight :
750g (box).

Description

Colour GPS « Unik 2 » by ERTF is a GPS dedicated to the Rally Raid world championship events. Its reliability, its flexibility in use and its functionalities make the colour GPS Unik 2 the ideal tool for navigation help for Rally Raid.

GPS includes a whole of visualisation pages which are in particular :

- A navigation screen (indicates the head to follow, target point tracking, distance to the point, an arrow shows the direction to follow).
- A lot of functions : road variation, virtual CP, speed and course followed during the race visualisation.
- A graphic tracer (scale choice, layout moving) : road, taker and waypoints visualisation.
- Road editor, waypoints editor and « GOTO » function.

« Odometer » function counts total and/or partial distances.

Furthermore, via the implementation of speed control functions (authorized maximum speed, village speed ...) it helps to competitors and local population who welcome events safety.

Sentinel function is now integrated into the GPS and helps to :

- Secure overtaking : when the driver of a car/truck presses on the push-button, an audible signal is transmitted to the competing bike/car/truck that it wishes to overtake (range: 150 metres).
- Warn accidents : 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 blue arrows of his keyboard. The warning signal alarm is transmitted to approaching bikes/cars/trucks by a buzzer (until 500 metres).
- Record data for organizer : Digital time recording of ON, OFF, overtaking signal sent and received, alarm signal sent and received, race numbers of the competitors (emitters and receivers).

GPS is preloaded and it is possible to select 5 different languages.

The screen of the colour GPS « Unik 2 » is black-lighted liquid crystal of 74x54mm, it offers a resolution of 640x480 pixels which allows an optimal display of the posted information.

GPS µblob card is combined to an incorporated pre-amplification antenna for a fast and highly precise positioning calculation.

The 4 buttons keyboard makes the access fast and the parameters edition quick :

- **I** to switch on and off the GPS and to show fast the main navigation screen.
- **✓** to validate the choice of the menu.
- 2 blue arrows to send a warning alarm using Sentinel and to navigate into the menu.

All connectors are in the back of the GPS.

An output allows the connection of a heading repeater and/or a speed repeater and/or an odometer for a remote display of this information. These additional accessories are « REPET by ERTF », « SPEED by ERTF » and « Speedcap ».

Another output allows the connection of a remote control for an easy use of the GPS, ref. TECO 101/201.

In order to avoid "the accidentals" power supply cuts off, ERTF provides additional pack batteries to guarantee use continuity.

Mounting advices are available on the website www.ertf.com.