

## TRACKING SYSTEM SERVICE

### Presentation – Informative 2018

The GPS Tracking System RDS is a GPS / GSM communication system by which all competitors of a rally are monitored along the route of the special stages and transfers. Data from GPS devices installed on your vehicle are transmitted to the RDS server and made available to the Race Direction for the purpose of monitoring the race for safety reasons and sports. The GPS tracking system is mandatory for all Rally events (please read Regulation ACI Sport Service).

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#### The system Tracking System GPS RDS consists of two devices:



#### Rally KIT

(purchased and installed by the crew)



#### BOX GPS

(owned by RDS)

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The "Rally KIT" consists of a box with a **SOS** request button, **OK** button, spies monitoring supply and wiring connection to the Battery, the IGNITION and "GPS BOX" RDS.

The crew will purchase it and install it on the car in a stable and permanent way according to the preferences of the pilot and the navigator, but, in all cases, according to criteria set by ACI Sport Service. Among the most important indications: *the SOS request button must be accessible from both members of the crew and with seat belt.*

For the installation, see the documentation provided with the kit.

Before any race, the RDS technical staff will connect your "GPS BOX" with the "Rally KIT".

At the end of the race the "GPS BOX" will be uninstalled and disconnected from the "Rally KIT".

**ATTENTION.** Both the GPS BOX and the **Rally KIT** are provided with **SOS** button. It is reminded that this key must be used exclusively for a possible request for RESCUE. Pressing the SOS button, the Race Direction will be promptly informed about the emergency.

In the GPS BOX there is also the "**OK**" button to indicate that "at the present there are no alarms or warnings". It must be pressed for at least 3 seconds.



## Installation and Positioning

### Installing the Rally KIT predisposition.

The Rally KIT will be installed by the owner of the vehicle, following the wiring diagram in the package (or they can be downloaded from the site [www.rdsitalia.it](http://www.rdsitalia.it)).

In the Rally KIT there is the SOS request button.

The SOS button of the Rally KIT must be easily accessible from both members of the crew with seat belt.



The connector for the GPS BOX (coloured black-blue, in the Rally KIT) has to reach the upper-central area of the dashboard or, alternatively, the right front roll bar so as to be easily connectable to the GPS BOX.

### Installing the GPS BOX.

The BOX GPS will be installed by the staff of Tracking System during the pre-event checking.

Also in this device there is a SOS button and it performs the same function as the one placed in the Rally KIT.

It must be placed under the windshield so as to ensure the proper functioning of the GPS survey ("sky view"). For safety reasons, any other position is not allowed.

It will be positioned on the upper-central part of the dashboard or, alternatively, on the right front roll bar.

The alternative location (roll front right) is to be preferred if and only if the pilot believes that the lights of the SOS buttons and OK disturb driving during the race.

It will be returned to staff only after the race.



**IMPORTANT:** Under no circumstances it is allowed to tamper with both "Rally KIT" and "GPS BOX". The Competitor and the Organizer agree not to tamper with, intervene, remove and / or physically compromise these devices and their functionality.

Any interference or alteration will cause the reporting of the competitor to the Stewards or the Single Judge for the measures that will be considered most appropriate.

Each technical issue and observation must be addressed to the supplier of the product.



## What will the crew have to pay?

- The payment of the Tracking System service is included, unless otherwise noted, in the entry fee to the event.
- The **Rally KIT** will be bought only once and will be owned by the buyer. The price is **€ 61.00** (€ 50.00 + VAT). The buyer can request an invoice by connecting to our web page: <http://www.rdsitalia.it/rich-fatt.html>
- For cars from abroad, performing occasionally races in Italy, there is no obligation to purchase the **KIT Rally**. In these cases the **KIT Rally** will be hired for the price of € 15,00. The **KIT Rally** will be returned to RDS only after the race along with the GPS BOX.
- In any event, during the sport checks, it is also required a payment of **€ 150.00** as deposit (or a document), which will be returned after the race at the time of the withdrawal of the GPS BOX and upon presentation of the receipt issued at the time of payment. Any GPS BOX that, due to majeure force, will not be returned or collected after the race, must be sent to the RDS Srl company via courier and expenses borne by the applicant, within 3 days.  
Upon receiving the GPS BOX, the deposit will be given to the competitor.

## Service subscription - Privacy

By subscribing to the event you will automatically accept the privacy legislation linked to the service Tracking System.

The data collected will be used to carry out properly the service of tracking during the race to which we are about to participate.

## Assistance during demonstrations

Unless otherwise indicated, the RDS personnel will be present to the Service Park, to provide assistance to all the crews, treat the return of the trackers and return the deposits previously paid by the crews. However, it is not excluded that the return will take place at the RDS station in Race Direction or other place / environment. This will depend on the location of the areas and how the event is organized.

In the hope that this document has been helpful and has cleared any doubts, RDS gives all riders a sincere "good luck" and have fun.

**RDS s.r.l.**



**SPORT TECHNOLOGY SERVICES**

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# TRACKING HOW TO USE



[www.rdsitalia.it](http://www.rdsitalia.it)

**RADIO & GPS TRACKING SERVICES**