

GPS Safety Tracking Device - Installation

AKK-Motorsport is using the same GPS Safety Tracking system for the Finnish Rally Championship than in 2020.

The system requires some preparations in the rally cars. These are described below. Should you have any questions, we are happy to help.

With this current system we will have better communication facilities with the rally cars in case of any accidents, as well as a more secure communication channel between the cars and the rally control centre.

Charging Power

Each car must have a female USB power socket for 12V current. The socket must be within 50 cm of the planned installation location of the device. The connection may be part of the car's main circuit, so that when the main power is switched off it will not be discharging the battery e.g. in overnight parc fermé. You may use a basic USB socket, but it must give at least 2A of current. **Connection always to the holder (which has a 12V -> 5V converter), not the device!**

Installation in the Car

The device must be installed in the car with the equipment described in the following pictures. It is an absolute must that the device will be place so that

- both the driver and the co-driver can reach the touch screen without opening safety belts
- both the driver and the co-driver can see the screen when driving on special stage

The RAM Mount 25 mm ball base can be borrowed or bought from the rally office. The price will be 10 Euros, either as a payment or as deposit which will be returned when the ball is returned after the rally.

Device



The tracking will be done with an application. There are no other applications in the device. Operation instructions will be given later.

The clamp mount seen in the picture does not exist, but the device will be installed with the RAM Mount ball.

Installation Equipment



This ball mount must be attached to the car with solid screws, in a place as instructed above, in order for the drivers to be able to use the device.

The device is attached to the ball with the double socket arm.

The installation measurements for the base of the ball can be seen here. Screw hole diameter is 6.5 mm and distance between the holes 40 mm.

