SPORTTRAXX CommBox

The CommBox is the 2 way communication device between vehicles on race field and with HQ
Via simple LEDs and PushButtons it allows:

- **GMW overtaking (Give Me Way requests)**
- **EDA (Entering Dangerous Area)**
- **SOS release for medical emergency**
- **OK sending for quitting any warning situation due to stopped vehicle**
- **RECALLI/YELLOW FLAG**
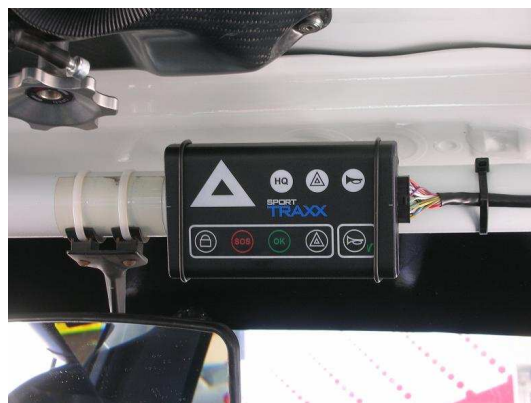- **Any kind of acknowledgement between cars and to HQ**

Installation

WHERE   The ComBox must be installed in front of the codriver, so that it can be visible and reachable from both driver and codriver, on the upper rollbar.

Warning: Antennas must be lower than the rollbar and have free view to the horizont in front.

HOW Fix the bracket on the rollbar, using the provided cable ties. Rotate the bracket to find best inclination and to keep antennas below the rollbar line. The wire coming from the electrical interface has to be fixed on the rollbar from the right side leaving last 15 centimeters free. That will make connection/disconnection easier.
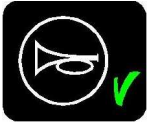

TEST When powered first time, the device will run a short test. All the leds and the internal buzzer will be on for 1 second. Backlight will be on all the time confirming the ON status of the device and allowing night use.

To switch ON/OFF the CommBox, at the end of each race day, use the main power plug on the electrical interface. Avoid using the 16 poles Molex connector.

Operating instructions

GMW (Give Me Way)

If you want to advice vehicle in front of you, that you are ready for overtaking, up to 300 meters distance

Press GMW button for 2 seconds. Blue light and beeper will shortly confirm. Wait at least 5 seconds before the next attempt. Transmitted request is recorded and also sent to HQ

If you receive an overtaking request by vehicle following you

Flasher, blue LED and beeper will alert you

Press GMW button for 1 second to acknowledge and to quit noise and flasher. Received request is recorded in tracking device.

The requesting vehicle gets confirmation back back shown by short

EDA (Entering Dangerous Area)

If your car is stopped or rolled over in a critical point of the racing track, eg. behind a dune or a turn, you can alert following vehicles in a radius of 500 meters by activating EDA function

To switch ON

Press together Unlock + EDA buttons.

 EDA light will turn on

To switch OFF

Press together Unlock + EDA buttons.
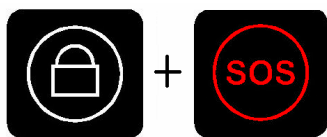
 EDA light will turn off

Entering in dangerous area

When you are approaching a dangerous site (other vehicle had accident and activated EDA Alarm) Flasher, buzzer and red EDA signal turn on

Quit noise and flasher by pressing Acknowledge button
Red EDA light will be ON until you leave the EDA area

SOS (Medical Emergency)

If medical assistance is required, press together Unlock + SOS button. Repeat after 5 seconds. Up to 3 times. When SOS alarm is received in HQ, the Recall LED will be switched on by HQ as a receipt confirmation for the SOS request.

OK (No Problem)

Any time you stop in SS and there is NO need for medical assistance, press Unlock + OK buttons to inform HQ that everything is OK. If you forget to send OK, you might receive a reminder from HQ, by a Recall signal. Reply by then pressing Unlock +OK or Unlock + SOS.

RECALL (On Road Sections)

HQ wants to communicate with you. Call back by mobile phone or contact next marshalls

YELLOW FLAG (On Special Stages)

Only on Special Stages, HQ can send you a Yellow Flag signal. Refer to regulations for consequent behaviour.

CommBox Version A

CommBox Version B

By August 2009