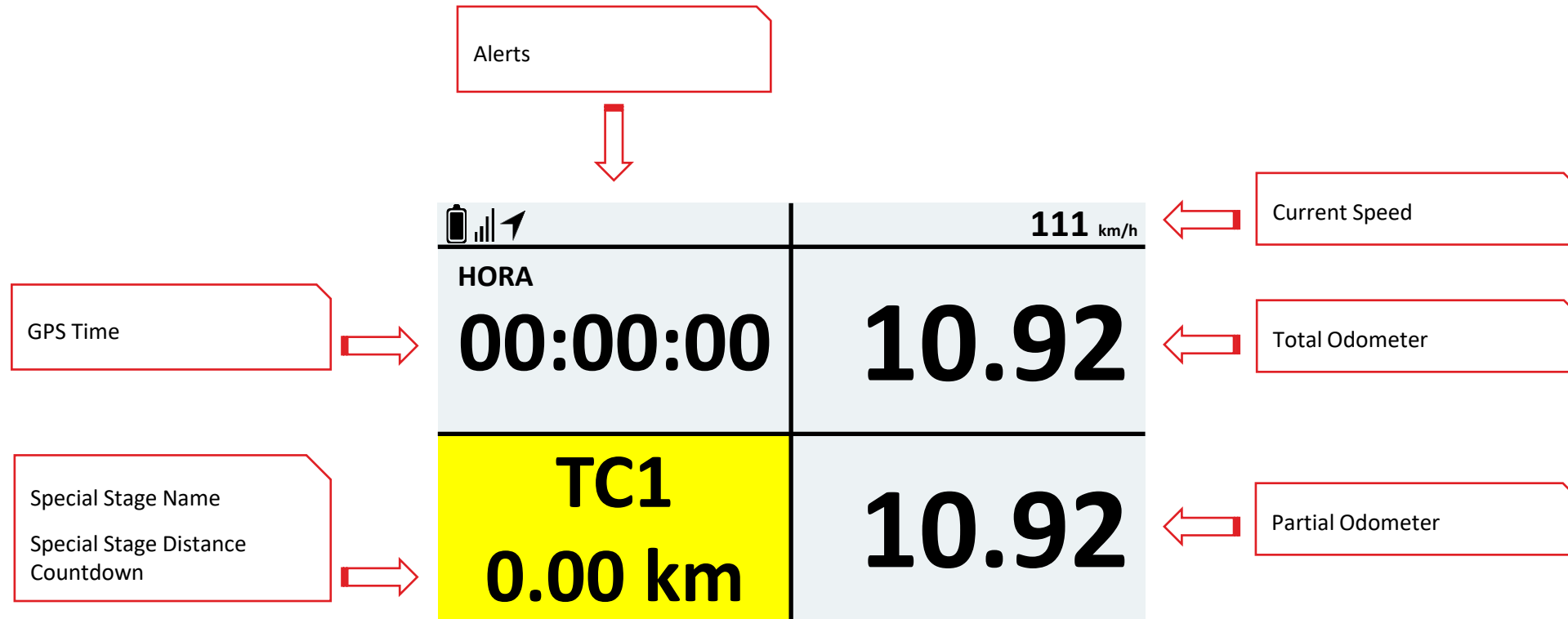# AL KAMEL SYSTEMS PP Tracker System

Timekeeping Services | Race Control Solutions | TV Graphics | Rally Tracking
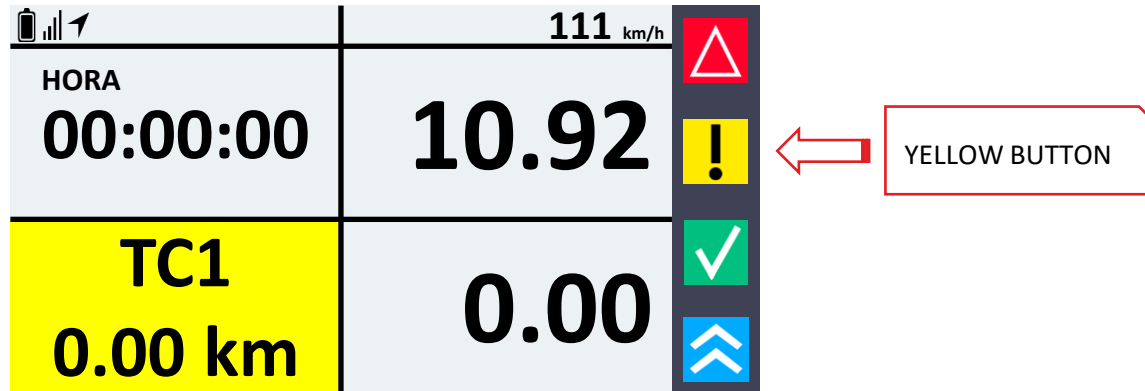Security Services | Road Book Services| Radio Systems | Turnkey Projects

The PPTracker System provided by Al Kamel Systems is the official Rally Tracking system for the SuperCampeonato de España de Rallyes (S-CER). This is a GPS and Signaling tracking system designed for all types of Rally competitions and which will be used for both Special Stages and Shakedown. The purpose of this system is to improve the safety and visibility of the competitors in this type of events.
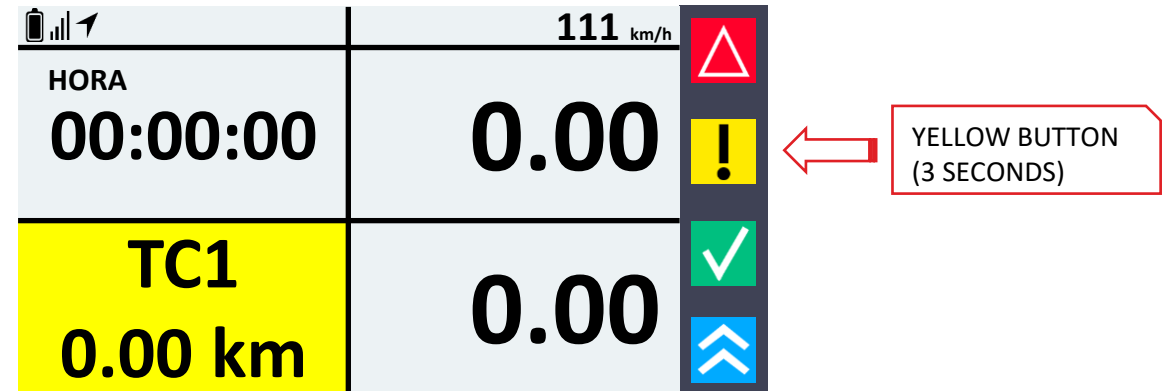
Pic 1. Main screen Rally

The device also has the possibility of resetting both the partial and total odometer values to 0 by pressing the YELLOW button and keeping it pressed for 3 SECONDS respectively.
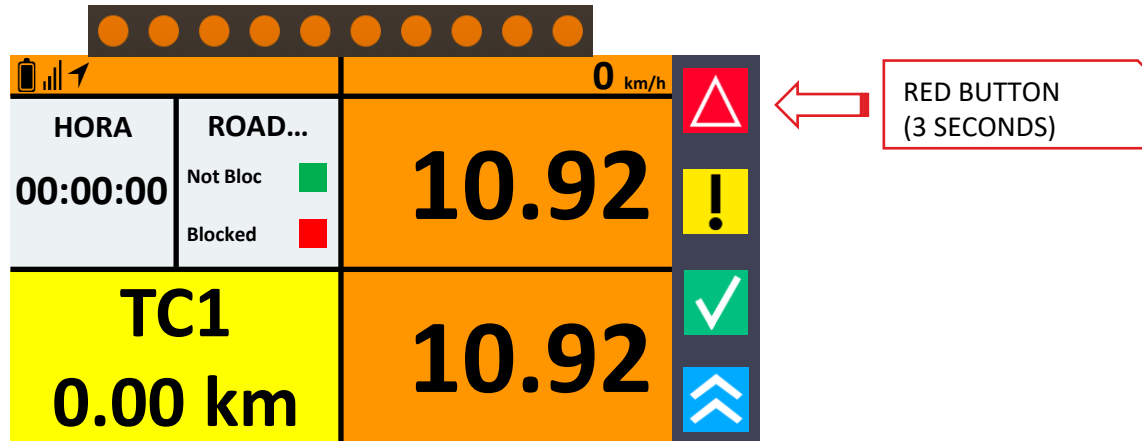

Pic 2. Reset Partial Odometer

YELLOW BUTTON

Pic 3. Reset Total Odometer

YELLOW BUTTON
(3 SECONDS)

To indicate that the car has stopped due to a mechanical issue, the RED button must be held down for 3 SECONDS.

After that, the display will turn orange asking for confirmation as to whether the track is blocked or not.

RED BUTTON
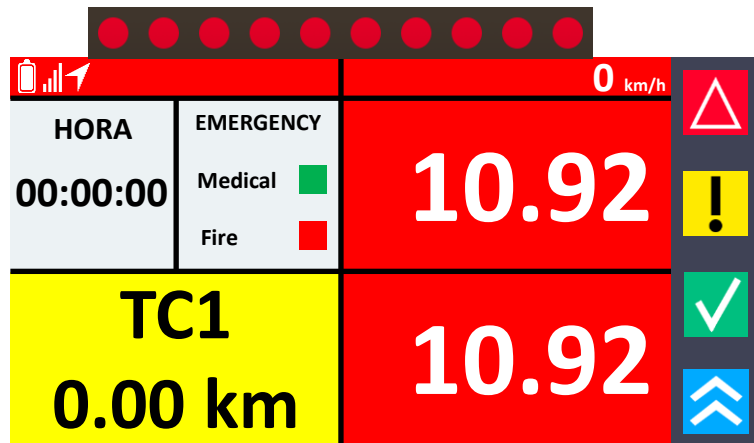(3 SECONDS)

If the road is blocked: press the **RED** button

If the road is NOT blocked: press the **GREEN** button

Pic 4. Mechanical Issue Display

*It is possible to exit this menu by holding down the green button for 3 seconds

To indicate that the participants are in an Emergency situation (SOS), the RED and YELLOW buttons must be held down simultaneously for 1 SECOND.

After that, the display will turn red. It must be confirmed whether medical assistance or the intervention of the fire brigade is required.

Pic 5. Emergency (SOS) Display

RED BUTTON
+
YELLOW BUTTON
(1 SECOND)

If the intervention of the fire brigade is required: press the **RED** button

If medical assistance is required: press the **GREEN** button

*It is possible to exit this menu by holding down the green button for 3 seconds

When another participant requests an SOS or alerts about a MECHANICAL ISSUE and is ahead, the following menus will appear informing about the situation:
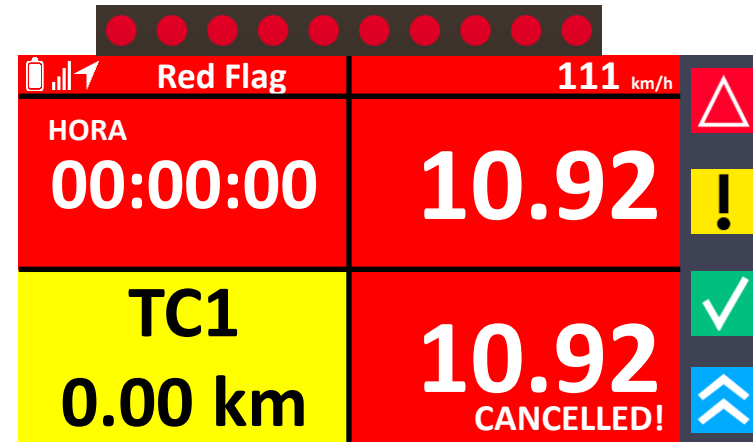

Pic 6. External SOS Display

Pic 7. External Mechanical Issue Display

When Race Direction decides to interrupt a Special Stage, the following Red Flag menu will appear informing about the situation:

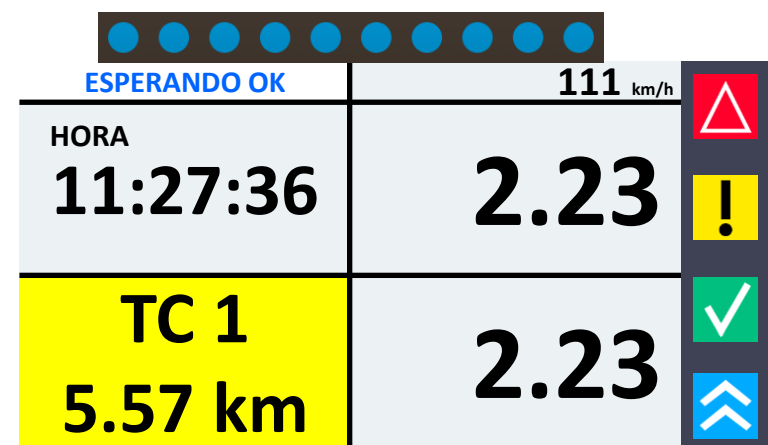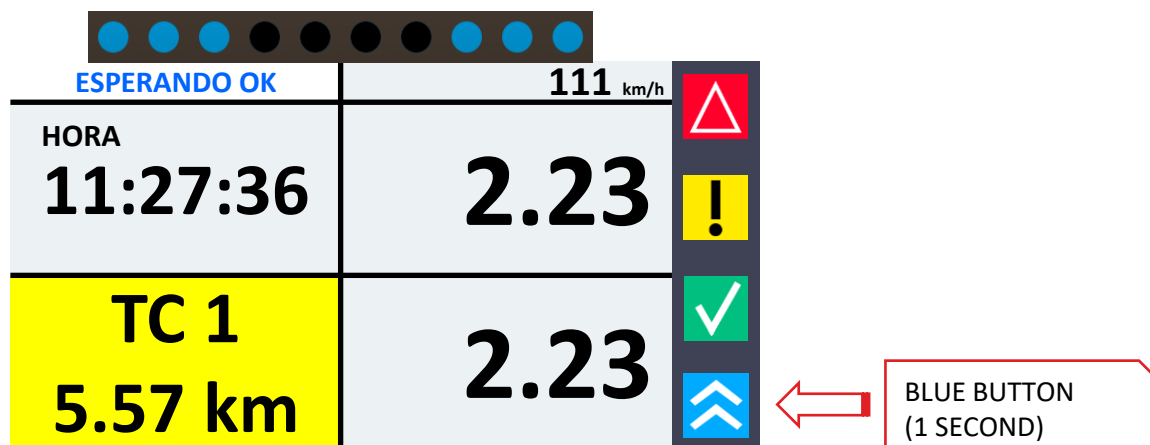**Pic 8. Red Flag Display - Received**

GREEN BUTTON
(3 SECONDS)

Pic 9. Red Flag Display - Accepted

It is necessary to press the GREEN button to confirm the reception of the RED FLAG

To be able to request an overtaking of the preceding vehicle, it is necessary to press the BLUE button for 1 SECOND. In order for this participant to receive said request, it will be necessary to have reached it.
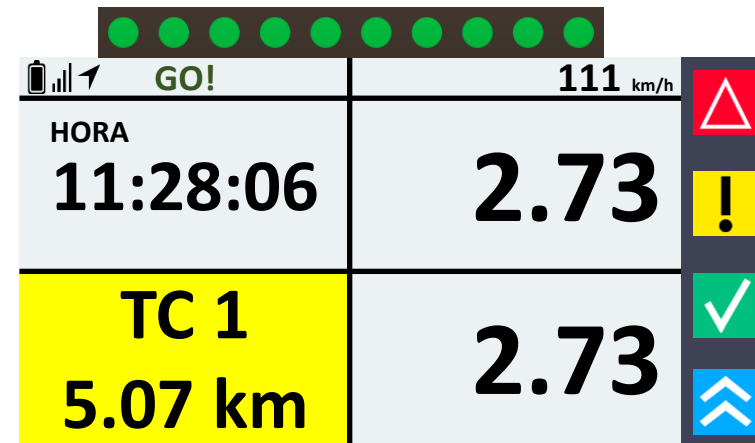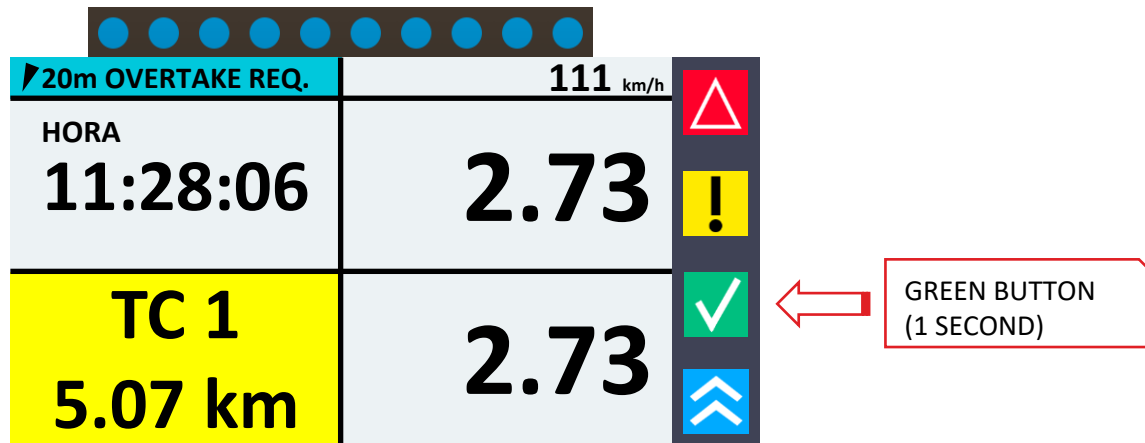

Pic 10. Overtaking Request Display – Requesting Overtake

Display that will be shown to the applicant together with flashing blue leds as long as the overtaking request conditions are not met

Pic 11. Overtaking Request Display – Waiting Confirmation

Display that will be shown to the applicant once the receiver has accepted the overtaking request

Once the overtaking has been requested and received, the participant who has received said request will be shown a Blue Flag and must confirm it as soon as possible to be able to indicate it to the applicant. To do this the GREEN button must be held down for 1 SECOND:
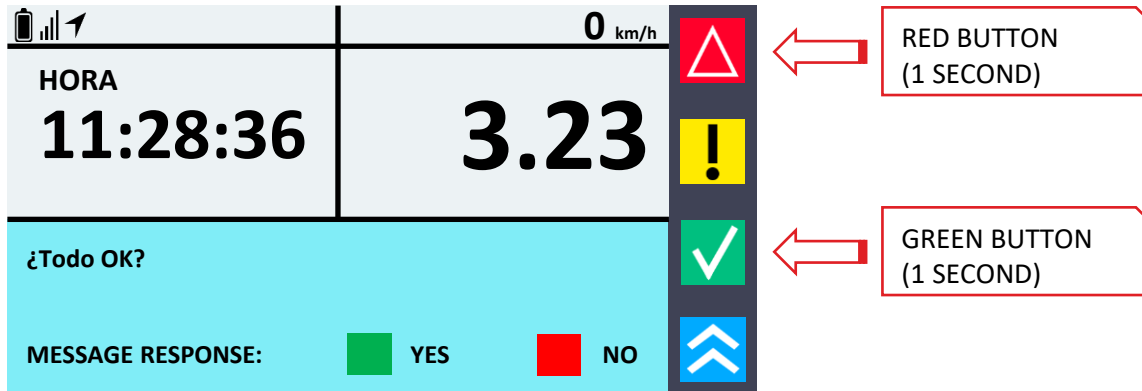

Pic 12. Overtaking Request Display – Overtaking Requested

Display that will be shown to the receiver of the Blue Flag, being necessary to hold down the GREEN button to confirm

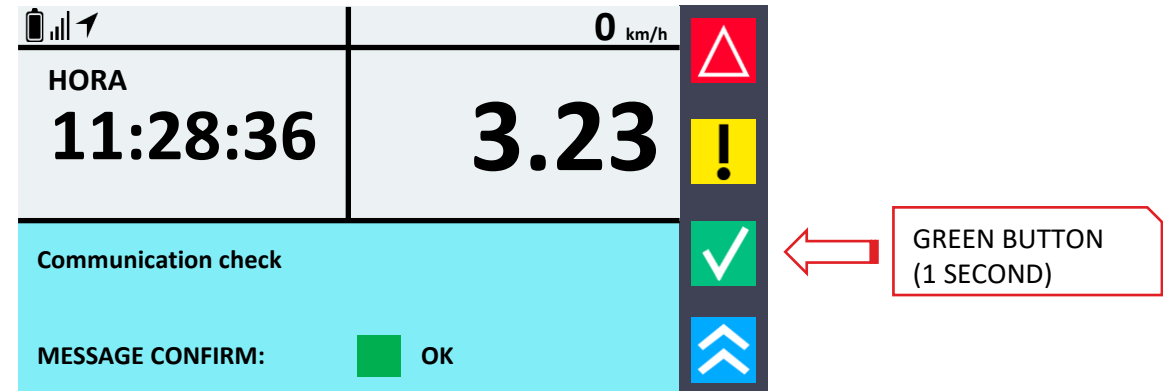**Pic 13. Overtaking Request Display – Overtaking Confirmed**

Display that will be shown to the applicant once the receiver has accepted the overtaking

Confirmation messages can be sent from Race Direction to the participants. These messages will require confirmation by pressing the GREEN or RED button, depending on the desired response, and holding it down for 1 SECOND:
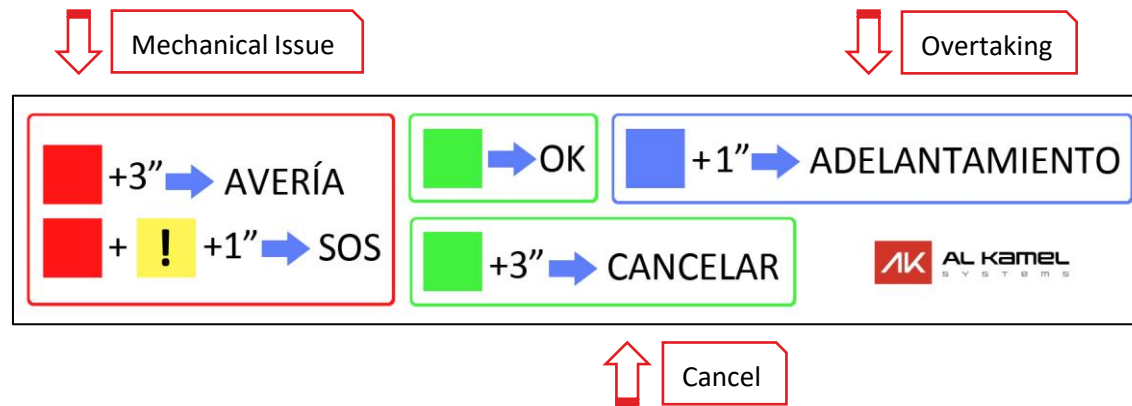

Pic 14. Message – YES/NO response

Pic 15. Message – Read Confirmation

It must be answered "YES" by holding down the GREEN button or "NO" by holding down the RED button

The KIT provided through Al Kamel Systems' E-commerce also includes a summary sticker with the functionality of the buttons:

Pic 16. Summary Sticker

We solve our clients' matters.

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