

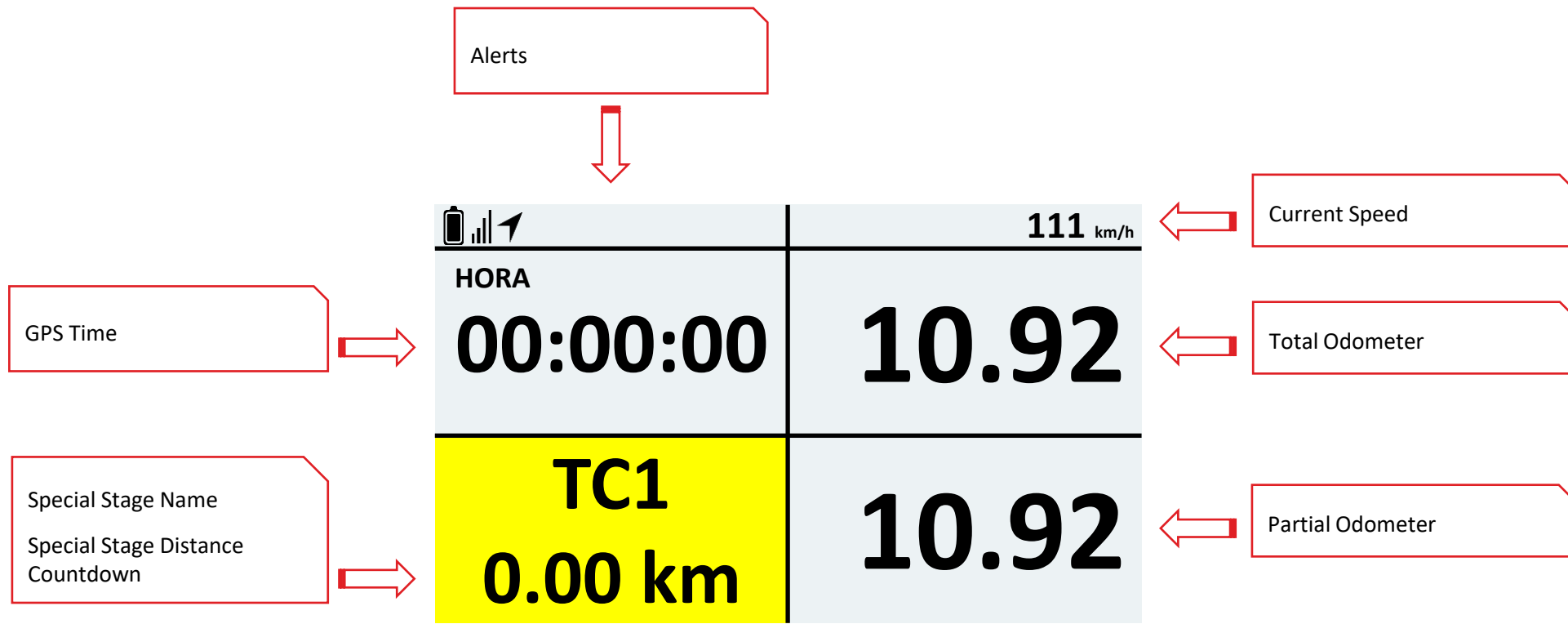


AL KAMEL SYSTEMS PP Tracker System

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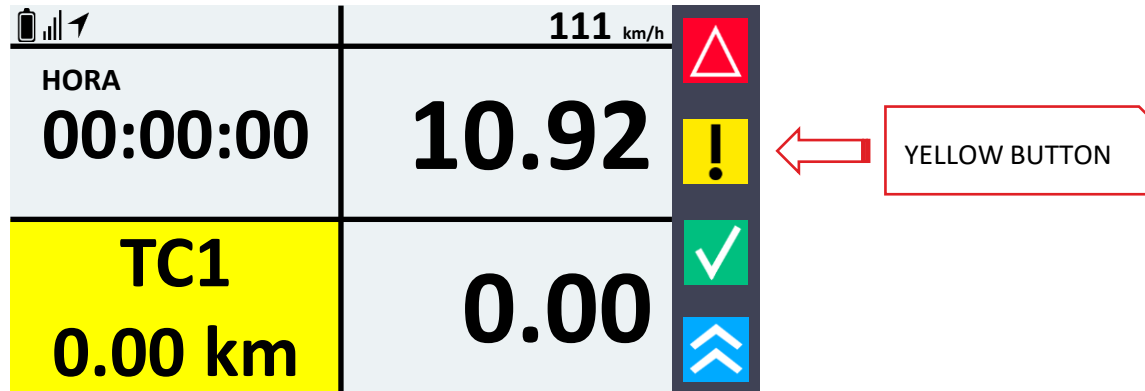
The PPTracker System provided by Al Kamel Systems is the official Rally Tracking system for the SuperCampeonato de España de Rallyes (S-CER). This is a GPS and Signaling tracking system designed for all types of Rally competitions and which will be used for both Special Stages and Shakedown. The purpose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



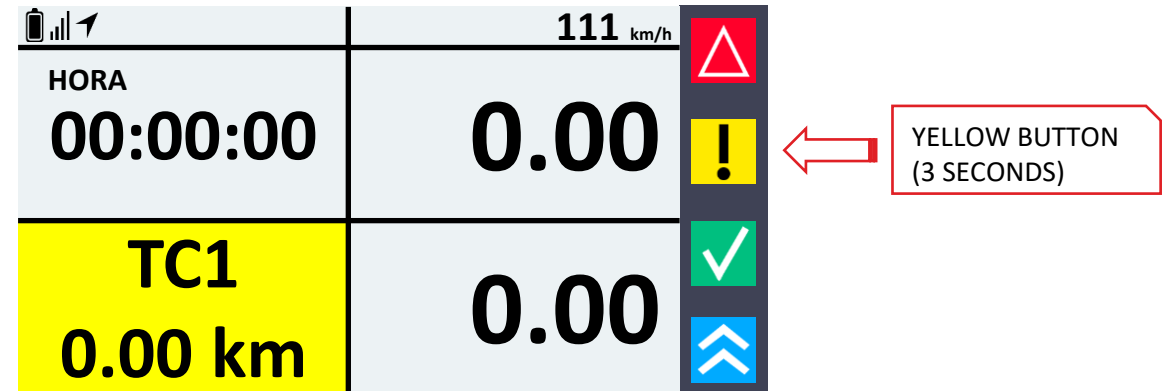


Pic 1. Main screen Rally

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.

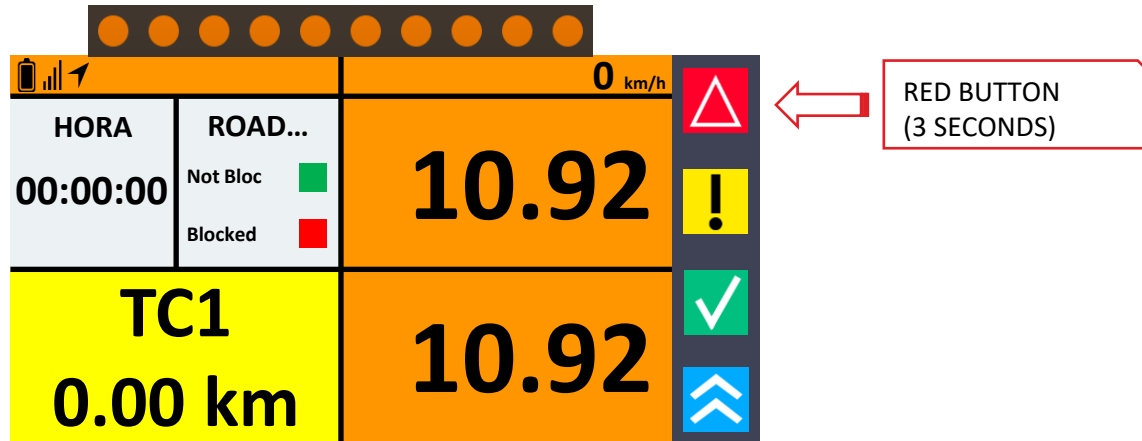


Pic 2. Reset Partial Odometer



Pic 3. Reset Total Odometer

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.



Pic 4. Mechanical Issue Display

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

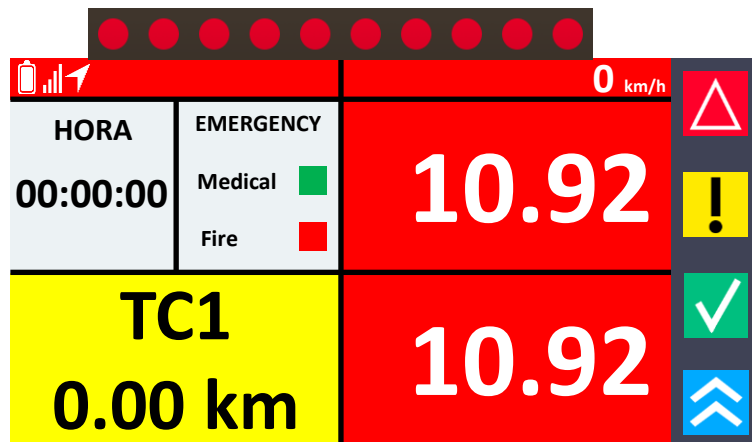


If the road is NOT blocked: press the **GREEN** button



*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:

A digital display with a red header bar containing 'SOS' and a left arrow with '170m'. The display is divided into two columns. The left column shows 'HORA' and '11:27:06'. The right column shows '111 km/h' and '1.73'. Below this, a yellow bar contains 'TC1' and '6.07 km'. The right side of the display has three icons: a red triangle, a yellow exclamation mark, and a green checkmark. At the bottom right, there are two blue arrows pointing up.

SOS ← 170m	111 km/h	△
HORA 11:27:06	1.73	!
TC1 6.07 km	1.73	✓
		↑↑

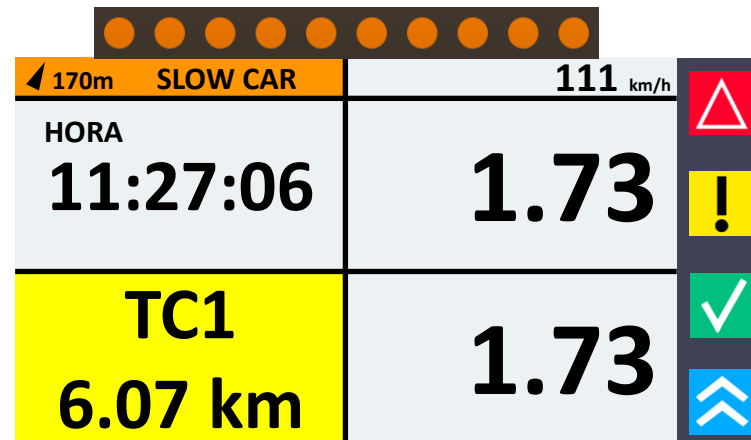
Pic 6. External SOS Display

A digital display with an orange header bar containing a warning triangle, a left arrow with '170m', and 'AVERIADO'. The display is divided into two columns. The left column shows 'HORA' and '11:27:06'. The right column shows '111 km/h' and '1.73'. Below this, a yellow bar contains 'TC1' and '6.07 km'. The right side of the display has three icons: a red triangle, a yellow exclamation mark, and a green checkmark. At the bottom right, there are two blue arrows pointing up.

△ ← 170m AVERIADO	111 km/h	△
HORA 11:27:06	1.73	!
TC1 6.07 km	1.73	✓
		↑↑

Pic 7. External Mechanical Issue Display

When there is a risk situation with another participant due to there being a large speed difference, for instance when the preceding vehicle is going excessively slow or is stopped without having triggered any alert, the following menu will appear informing of the situation:



The image shows a digital display interface for a vehicle. At the top, there is a row of seven orange dots. Below this, the display is divided into several sections. On the left, there is a header bar with a left-pointing arrow, the text '170m', and 'SLOW CAR'. To the right of this header, the speed '111 km/h' is displayed. The main display area is split into two rows. The first row shows 'HORA' (Time) as '11:27:06' and a large '1.73'. The second row shows 'TC1' (Total Cycle) as '6.07 km' and another large '1.73'. On the far right, there is a vertical column of four icons: a red triangle with a white exclamation mark, a yellow square with a black exclamation mark, a green square with a white checkmark, and a blue square with a white double arrow pointing up.

170m SLOW CAR	111 km/h	
HORA 11:27:06	1.73	⚠
TC1 6.07 km	1.73	✓
		⬆

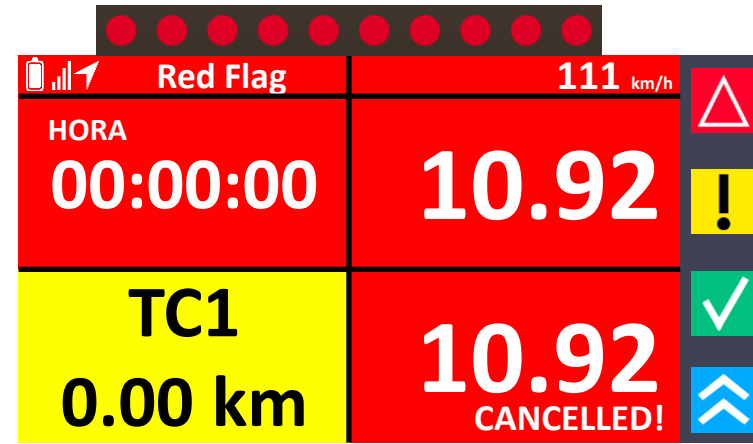
Foto 8. Slow Car Display

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



Pic 9. Red Flag Display - Received

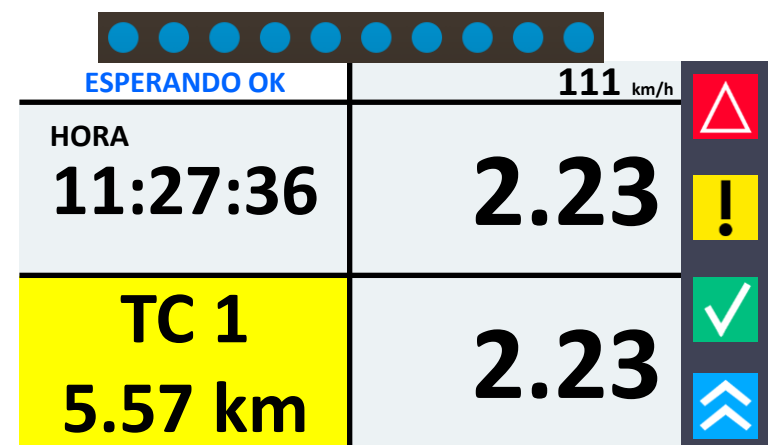
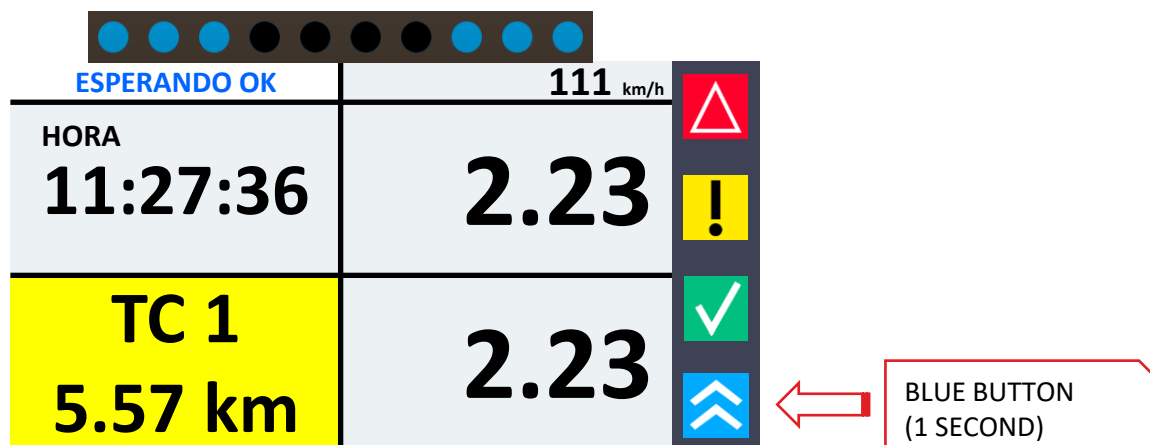
GREEN BUTTON
(3 SECONDS)



Pic 10. 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.



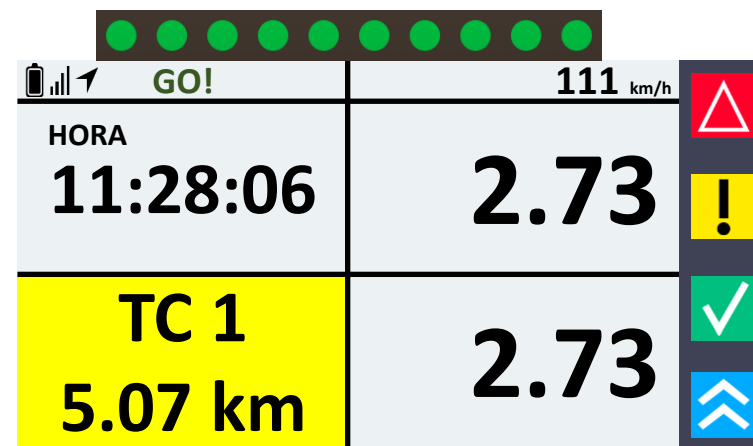
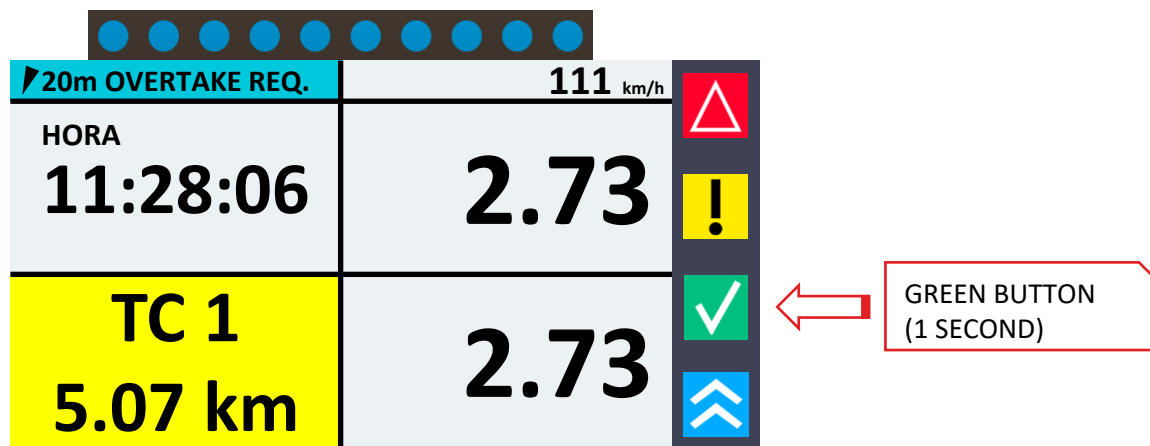
Pic 11. Overtaking Request Display – Requesting Overtake

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

Pic 12. 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:



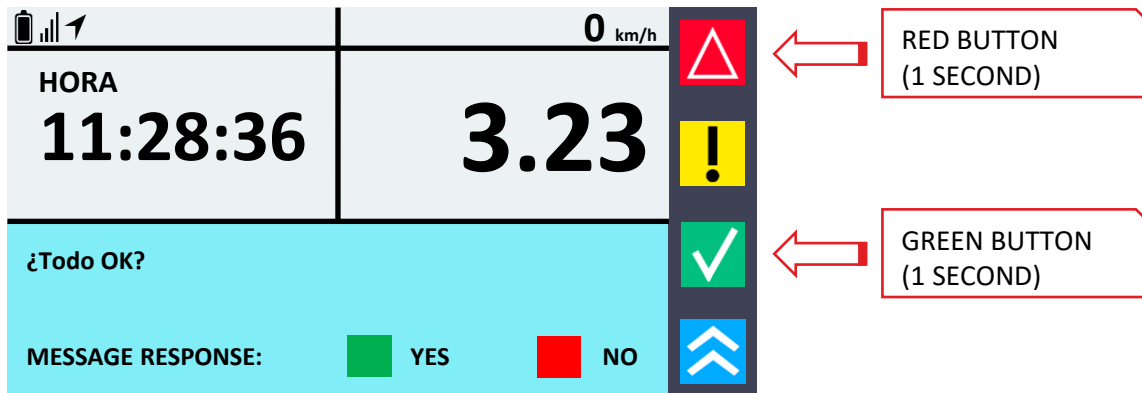
Pic 13. Overtaking Request Display – Overtaking Requested

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

Pic 14. Overtaking Request Display – Overtaking Confirmed

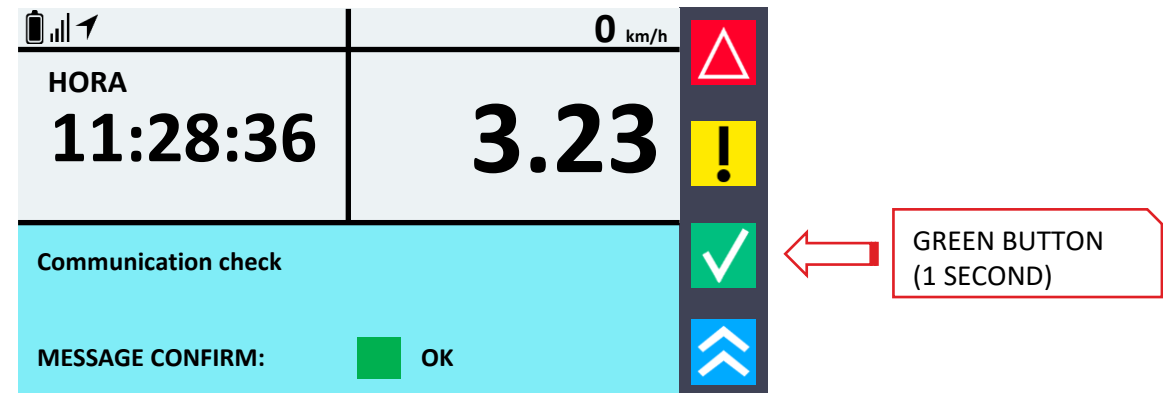
Display that will be shown to the applicant once the receiver has accepted the overtaking

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:



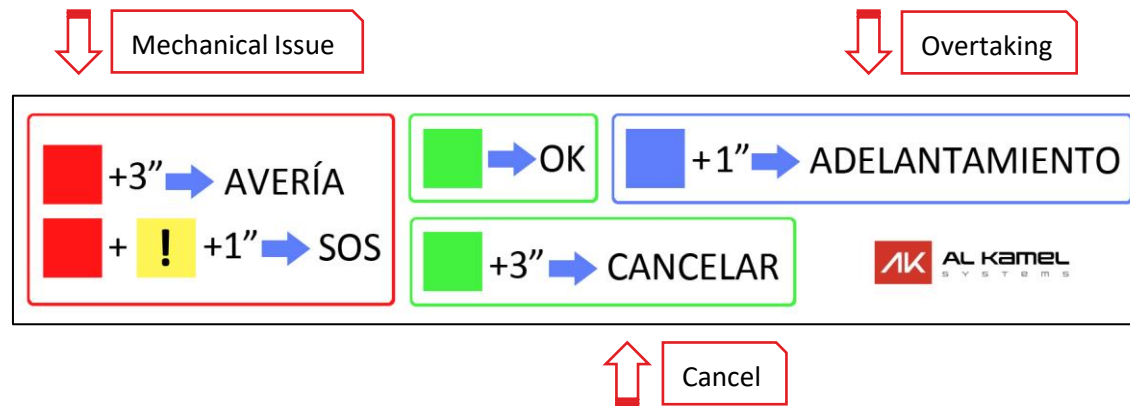
Pic 15. Message – YES/NO response

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



Pic 16. Message – Read Confirmation

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



Pic 17. Summary Sticker

We solve our clients' matters.

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