



RACECOMMANDER START CONTROL

STATUS AWARENESS SYSTEMS
14 Short St, Ulverstone, 7315 Tasmania, Australia

Contents

1. Purpose.....	3
2. Scope.....	3
3. Responsibilities	3
4. Procedure	3
Tablet - Start Up.....	3
Setup – Stage Start	4
Operation – Stage Start.....	4
Cancelling or Aborting – Stage Start	5
5. References.....	6
6. Definitions	6
7. Contact us:.....	6

1. Purpose

The information in this document is to provide an introduction and assistance in the use of the RallySafe Timing Equipment, namely the RallySafe Start Control tablet computer.

2. Scope

This document has been prepared for special stage start line officials who are at an event where the RallySafe system is being used for vehicle tracking and safety communication, specifically in the use of a special stage rally. If this is not your specific use case, please refer to the relevant manual, or contact a Status Awareness Systems (SAS) team member as soon as possible.

3. Responsibilities

It is the responsibility of the Start Control Officials to do the following.

- Collect RallySafe Timing equipment.
- Ensure that the Start Control tablet computer's battery is fully charged.
- Ensure that the USB radio dongle is connected to the USB port of the Start Control tablet computer.
- Make Sure the correct special stage is selected and send each and every car onto stage at the correct interval.
- Return the RallySafe timing equipment in the same state that it was handed to you in.

4. Procedure

Tablet - Start Up



When the tablet starts up it will display this screen (figure. A). On this screen is displayed:

- Event name (1.)
- Radio Status (2.)
- Current Rally Time (3.)
- Control Type (4.)

Figure. A

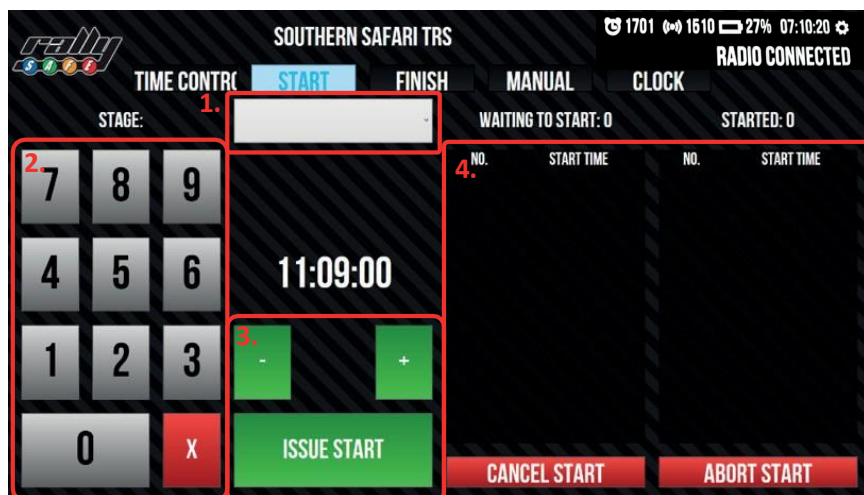
Step 1: Press the unlock button located on the top left corner of the tablet.

Step 2: Connect the USB radio to the right-hand side USB port, once connected 'RADIO DISCONNECTED' (2.) will stop flashing red and say Radio Connected.

Step 3: Select the control type you wish to operate using the control type menu (4.)

Note: If the time is not currently correct, do not stress as the time will be synchronised to Official Rally Time when communicating to a vehicles RallySafe unit.

Setup – Stage Start



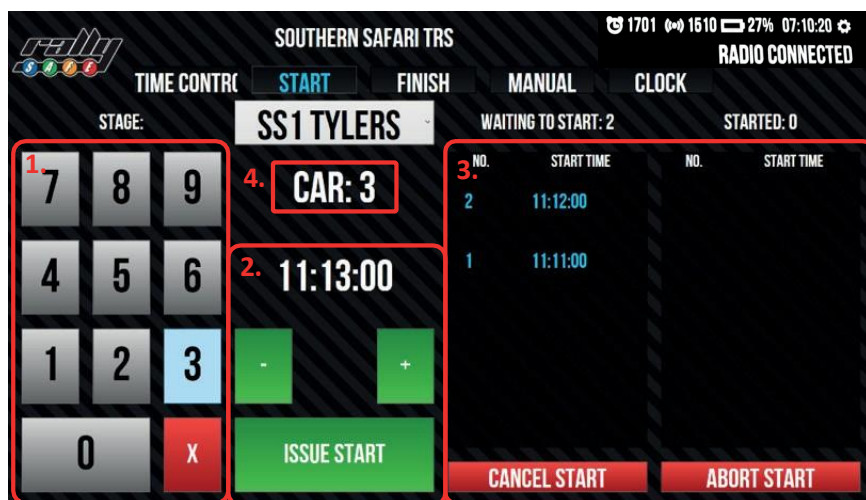
This screen (Figure. B) is displayed when Stage Start is selected. On this screen is displayed:

- Stage List (1.)
- Keypad (2.)
- Check in button (3.)
- Check in History (4.)

Figure. B

- Step 1: Select Start from the control's menu.
- Step 2: Select the Stage you want to issue start times to by selecting a control from the controls list (1.).

Operation – Stage Start



Once you have set up the Stage Start you can start assigning start times to cars.

The keypad (1.) allows the marshal to enter the vehicles competition number.

Issue start button (2.) allows the crew to assign a start time to the entered vehicle; this then displays a personal countdown on the SAS tracker on-board the rally car.

Figure C.

- Step 1: Key the car number in using the keypad (1.), the car number will display to the right (4.).
- Step 2: Increase or decrease the current time by using the + or – (2.). Once the right time is displayed (2.) press Issue Start.
- Step 3: Validate that the entered information is correct by using the list (3.). If not, re-do step 1 and step 2

Note: the car number and time will be in BLUE if unconfirmed by the vehicle, and WHITE if it has been acknowledged by the Vehicles RallySafe unit, if the time passes and it is still unacknowledged, the time will move to the started column and be in ORANGE. Please contact someone in Race Control ASAP if this is the situation.

Cancelling or Aborting – Stage Start

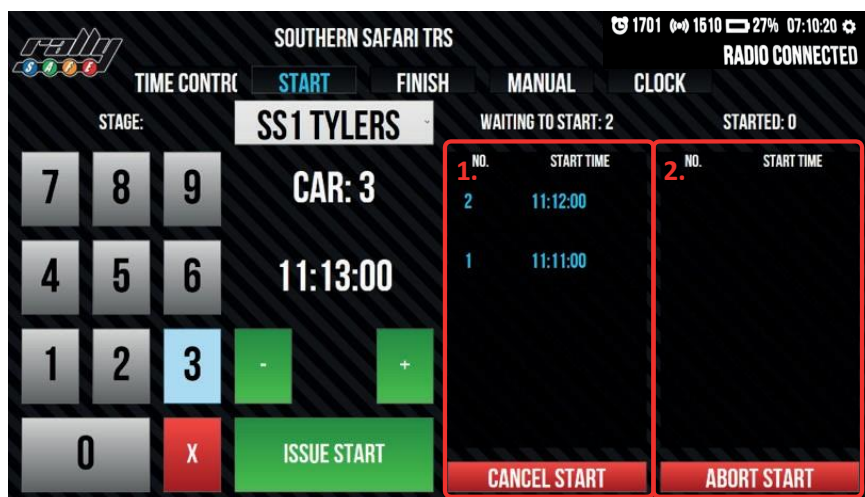


Figure D.

Step 1: Select a vehicle from the waiting to start list (1.).

Step 2: Then press the cancel start button (1.).

Abort Start: Press the abort start button, then confirm.

Once a vehicle has been issued a start time it will be displayed in the waiting to start list (1.).

If the vehicle has started the entry will move to the started list (2.).

In the event that the car does a "Jump Start", the start time will be displayed in RED.

Individual start times can be cancelled by using the cancel start button (1.).

Or all start times can be aborted using the abort start (2.) button.

!! Warning!!

This should only be done if directed by the event!!

IMPORTANT: Charge the tablet battery EVERY NIGHT.

Start Line - Check in Steps:

1. Turn on Tablet.
2. Connect USB Radio Dongle
3. Select the Start tab.
4. Select correct Stage number.
5. Select car number using the keypad.
6. Select the appropriate start time using the + and - buttons.
7. Confirm selections by clicking the green "Issue Start" button.

5. References

[RallySafe RaceCommander Training](#)

[RallySafe Time Control Manual](#)

[RallySafe Finish Beam Manual](#)

[RallySafe Handy Quick Reference Guide](#)

6. Definitions

Phrase	Definition
Race Control Web App	RallySafe's interface where all the data is readable and reviewable.
RaceCommander	program used to upload control times to a competitors RallySafe unit.
RallySafe	The world's most advanced Rally Management System
RFD	The USB radio dongle
SAS	Acronym of Status Awareness Systems
Start Control	The officials and crew working at the start of a competition stage, issuing start times and confirming that each vehicle is starting in a safe manner.
Status Awareness Systems	The parent company of RallySafe
Surface	The tablet computer used at various control points for inputting data.
Unit	The RallySafe device, most commonly referred to as 'the unit' or 'the RallySafe Unit'.
USB Radio Dongle	A USB device that is the communication link between the RaceCommander tablet and the RallySafe unit.
Wi-Fi	Wireless communication between multiple devices
Xbee	The USB Radio Dongle

7. Contact us:

Questions can be directed to info@statusas.com