

Landing Page



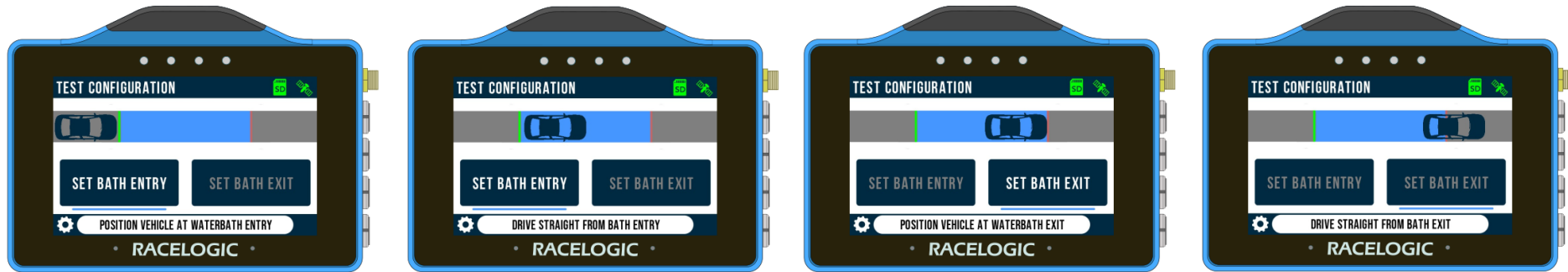
Configure test with SD card inserted,
gates and settings will be autosaved and
automatically load on power cycle

Gate Setting

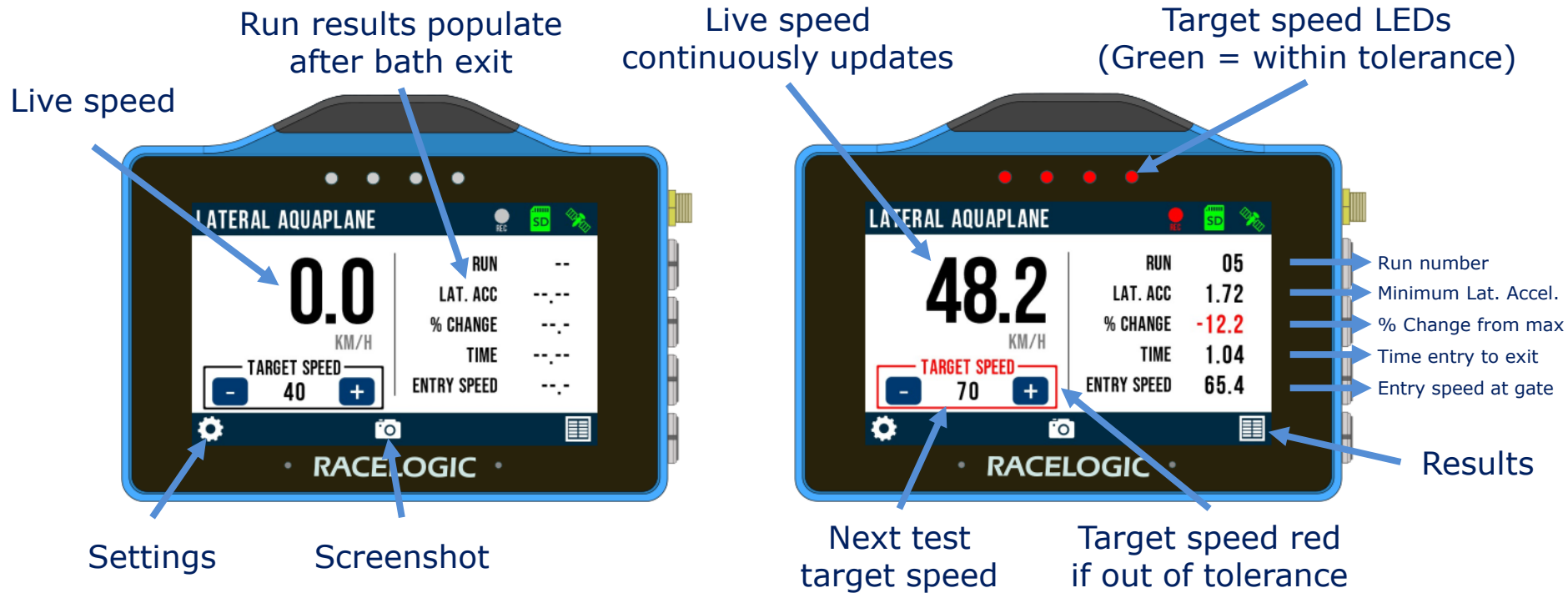
Automated process with on screen instructions

“New Test” on landing page starts gate setting

Gates can be reconfigured through settings at any time (Create Gates, settings page 1)



Test Display



Result Display

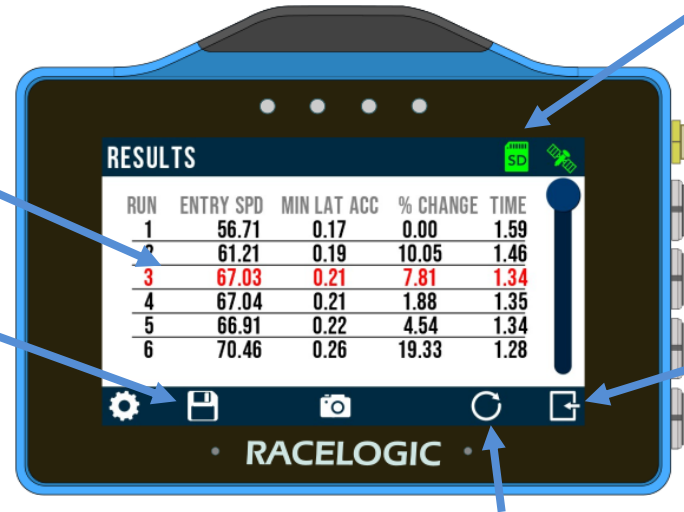
Start / stop recording
press SD symbol

Red results =
Outside entry speed tolerance

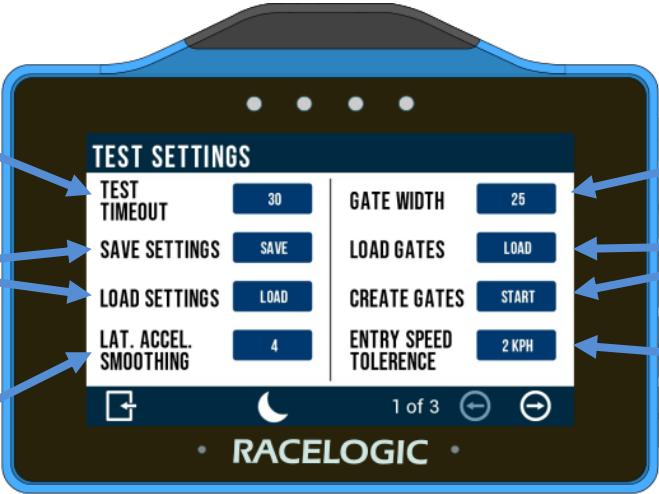
Save results to CSV / TXT
(also clears results)

Exit to main display

Reset results



Settings & Diagnostics 1

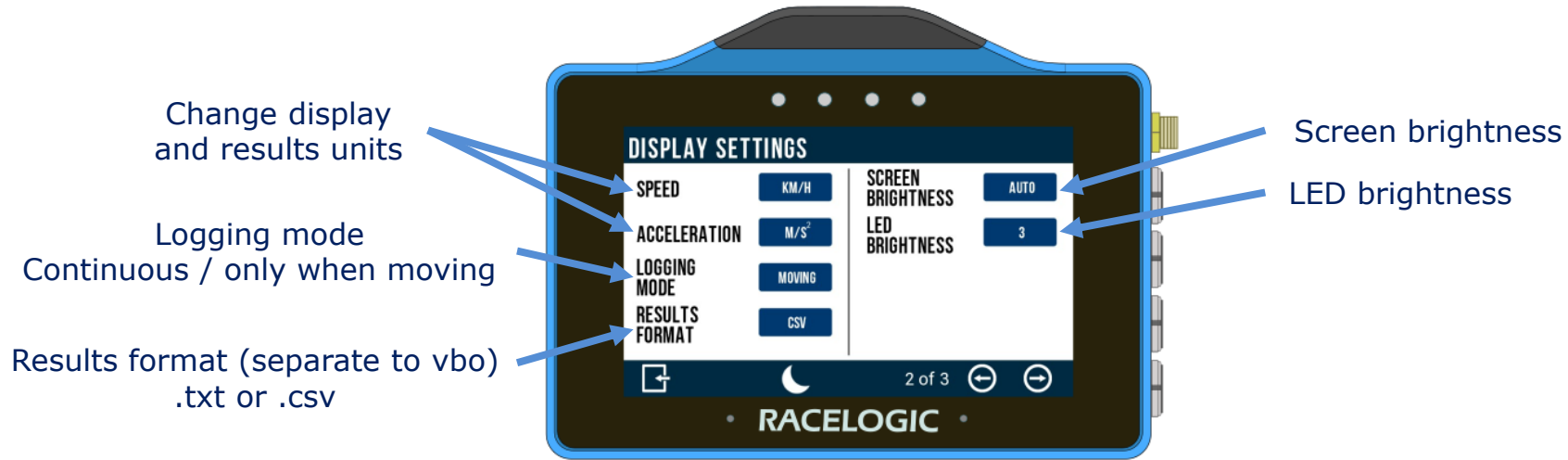


The image shows a handheld device screen displaying the 'TEST SETTINGS' menu. The menu is divided into two columns. The left column contains 'TEST TIMEOUT' (30), 'SAVE SETTINGS' (SAVE), 'LOAD SETTINGS' (LOAD), and 'LAT. ACCEL. SMOOTHING' (4). The right column contains 'GATE WIDTH' (25), 'LOAD GATES' (LOAD), 'CREATE GATES' (START), and 'ENTRY SPEED TOLERANCE' (2 KPH). At the bottom of the screen, there is a status bar with a moon icon, '1 of 3', and navigation arrows. The brand name 'RACELOGIC' is centered at the bottom.

Annotations:

- Test timeout**
If exit gate not crossed, how long before test is reset
- Load / Save test and display settings**
- Lat. Accel. Smoothing**
Only applied to results file and displayed value – not vbo
- Set width of gates**
- Load / Create gates**
- Entry speed tolerance**
Red result if outside \pm this value

Settings & Diagnostics 2



Settings & Diagnostics 3

VBOX and app info

Cold start



Dark mode



RACELOGIC

User Guide

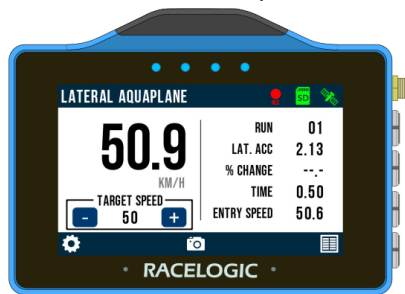
VBOX

Gate setting

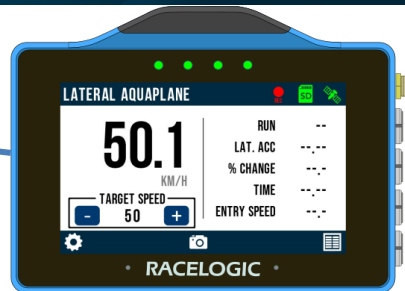
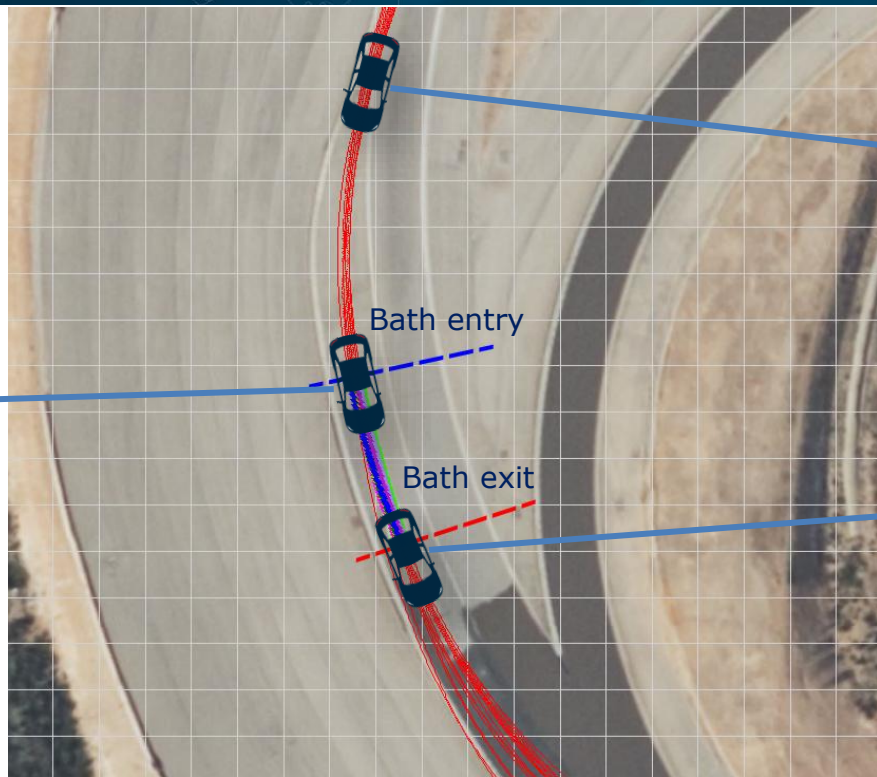


Lateral Aquaplane Testing (1)

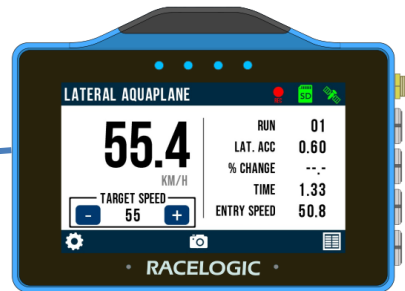
LEDs hold blue at bath entry



Results populated.
Run and entry speed static.
Lat. Accel and speed are live.
Time begins to count up.



Before entry – no results populated.
Target speed LEDs and live speed.

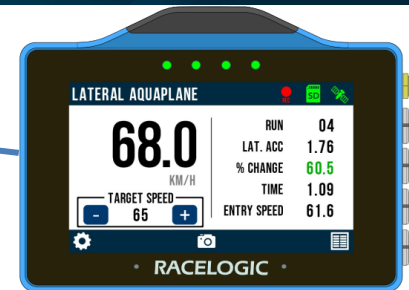
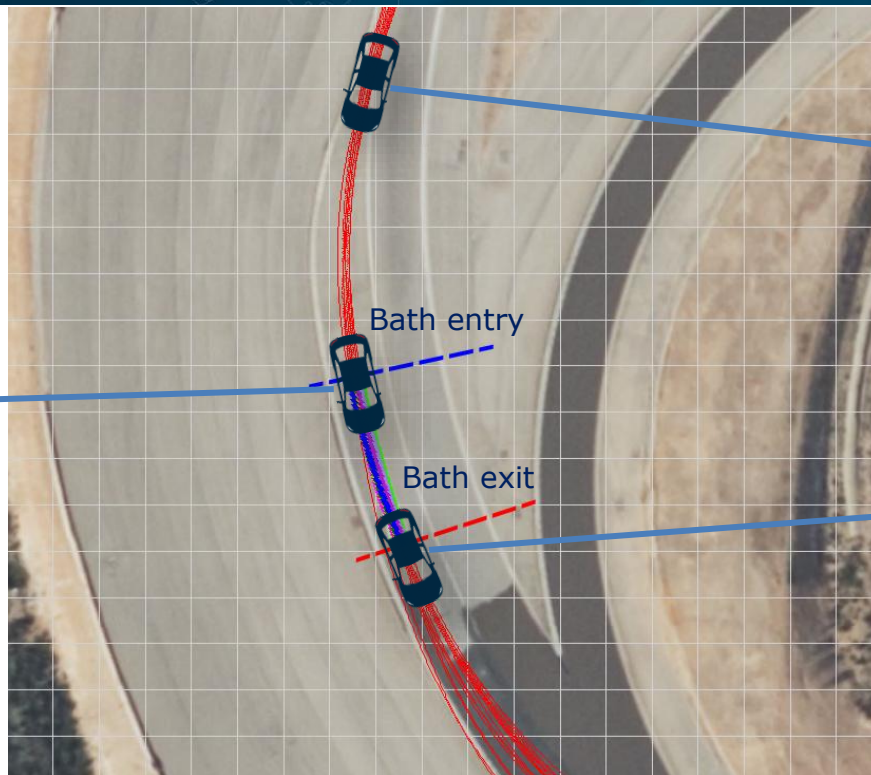


Results held on screen.
Live speed continues.
LEDs flash blue at bath exit.
Target speed increments.

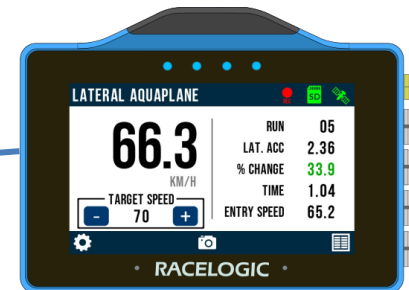
Lateral Aquaplane Testing (2)



% change blank during run.

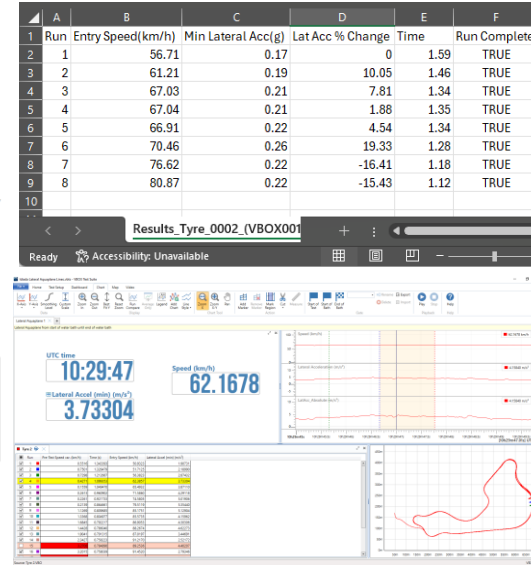
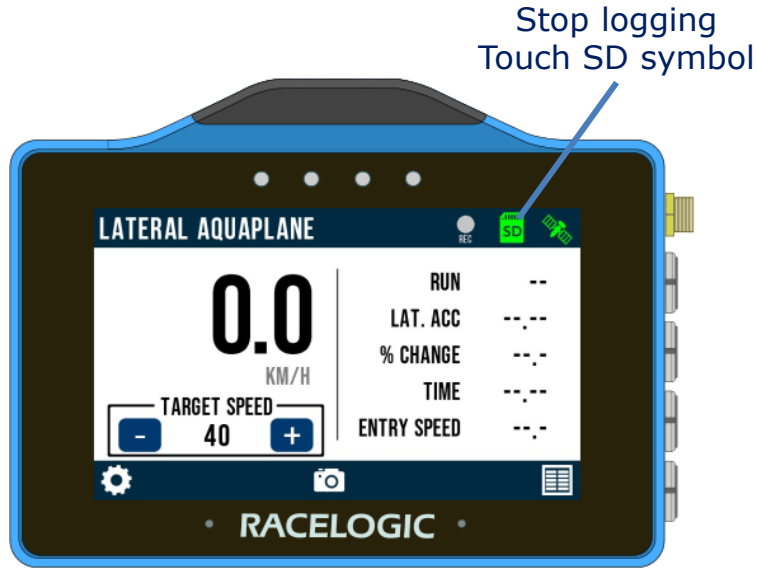


% change calculated:
Max Lat. Acc. from test vs last run.



% change updated after run.
Target speed increments.

Stop test



Logging must be stopped before removing power or SD card