iRiS by GEOTRAQ

DIGITAL ROAD BOOK AND NAV-GPS

OPERATING INSTRUCTIONS

SSV-CARS-TRUCKS



Version Release
May 2026

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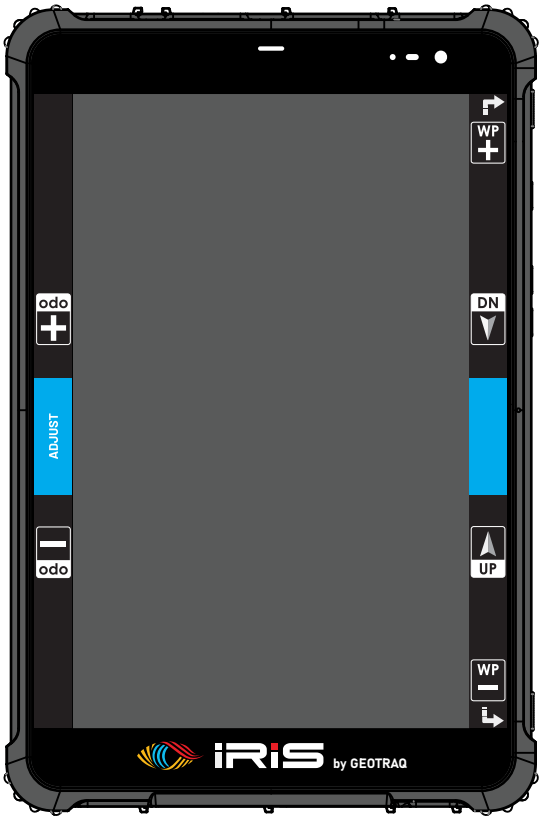
IRIS Device



Mounting Bracket



Power cable

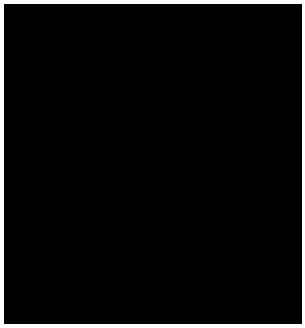


GPS Antenna - 5 m



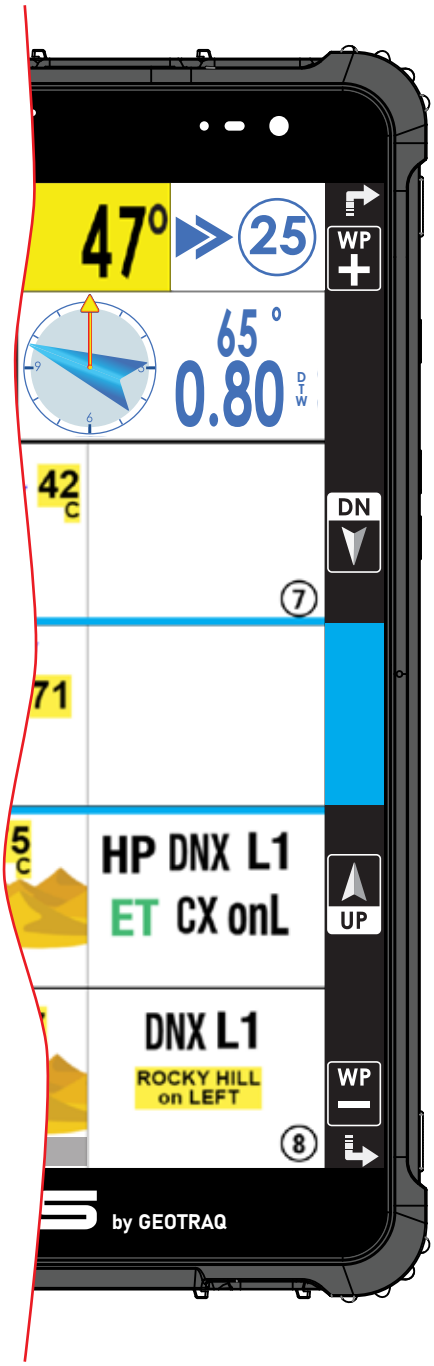
Remote Control

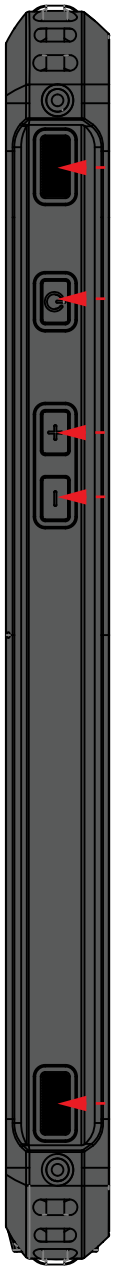
Rubber Mounts



Physical buttons

- Positioned on the right side of the device





Target Waypoint Ahead (WP +)

Screen ON / OFF

Increase Total Odometer

Decrease Total Odometer

NOTE!
Volume can be adjusted with those buttons ONLY before opening a Road Book.

Target Waypoint Behind (WP -)

Step 1

- PRESS Screen ON / OFF button to wake up the screen.

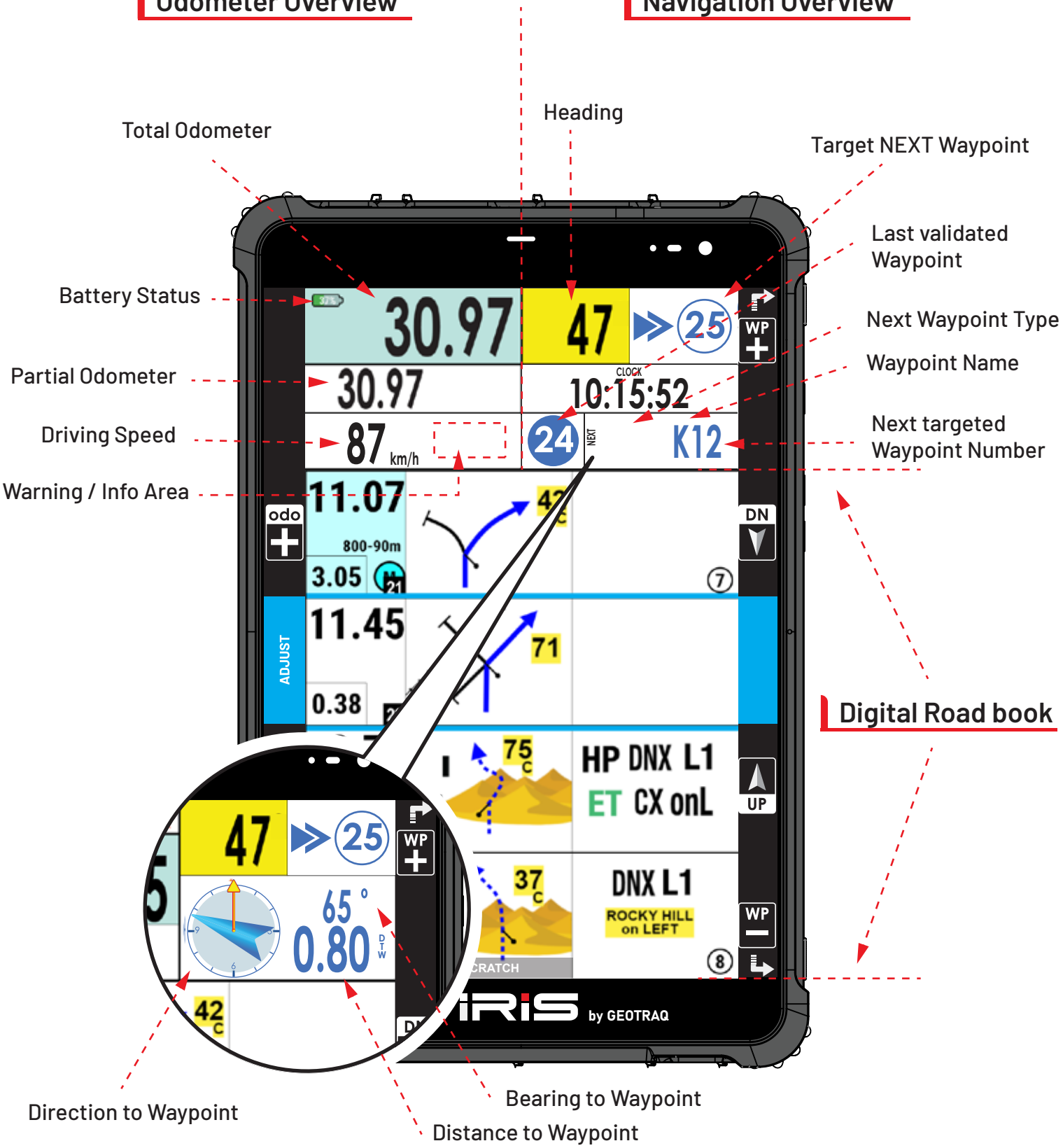
Step 2

- A list with Road Books will be displayed. Only five Road Books, can be seen at the same time. By sliding you can see the whole list of Road Books.



Odometer Overview

Navigation Overview

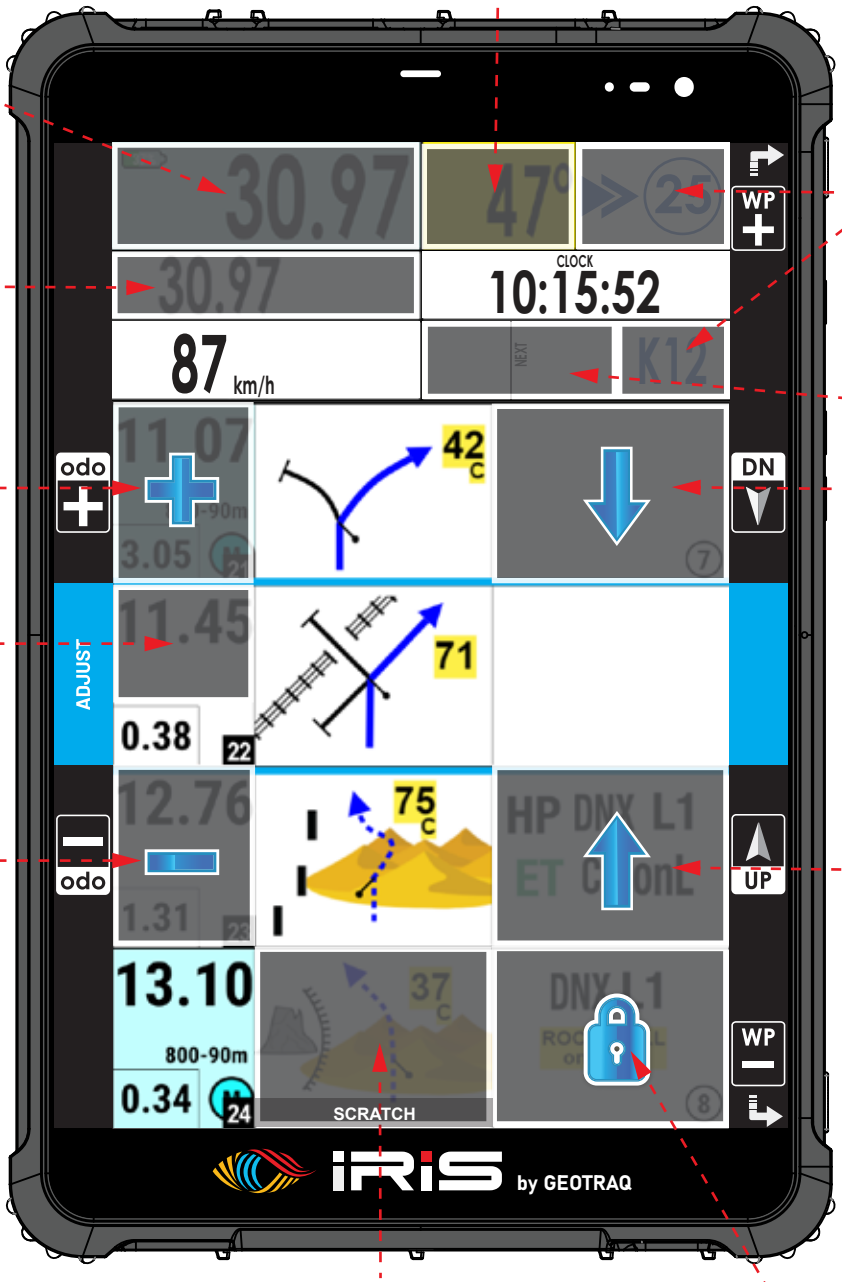


Digital Road book

NAV-GPS - When in opening radius

Virtual Buttons

- Rectangles in red color show active area of the Virtual Buttons



LONG PRESS to open Map Mode

LONG PRESS to Edit Total Odometer

PRESS for Settings

PRESS to Reset Partial Odometer

LONG PRESS for Stage Overview

Increase Total Odometer

Scroll DOWN

LONG PRESS to QUICK ADJUST Total Odometer

Decrease Total Odometer

Scroll UP

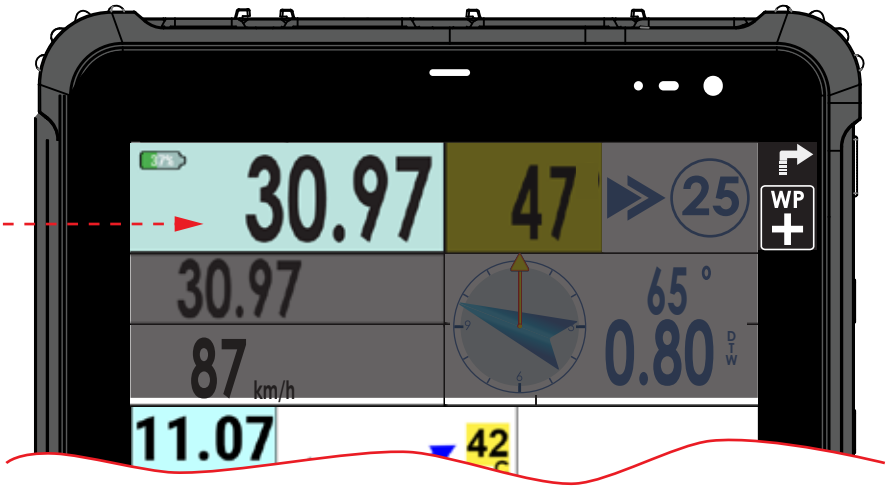
SCRATCH FUNCTION
- Scratch Tulip as marked
- Reset Partial Odometer
- Scroll Road Book to Next Tulip

LONG PRESS to LOCK and UNLOCK the touch screen

Edit Total Odometer

1.

- LONG PRESS the area of Total Odometer

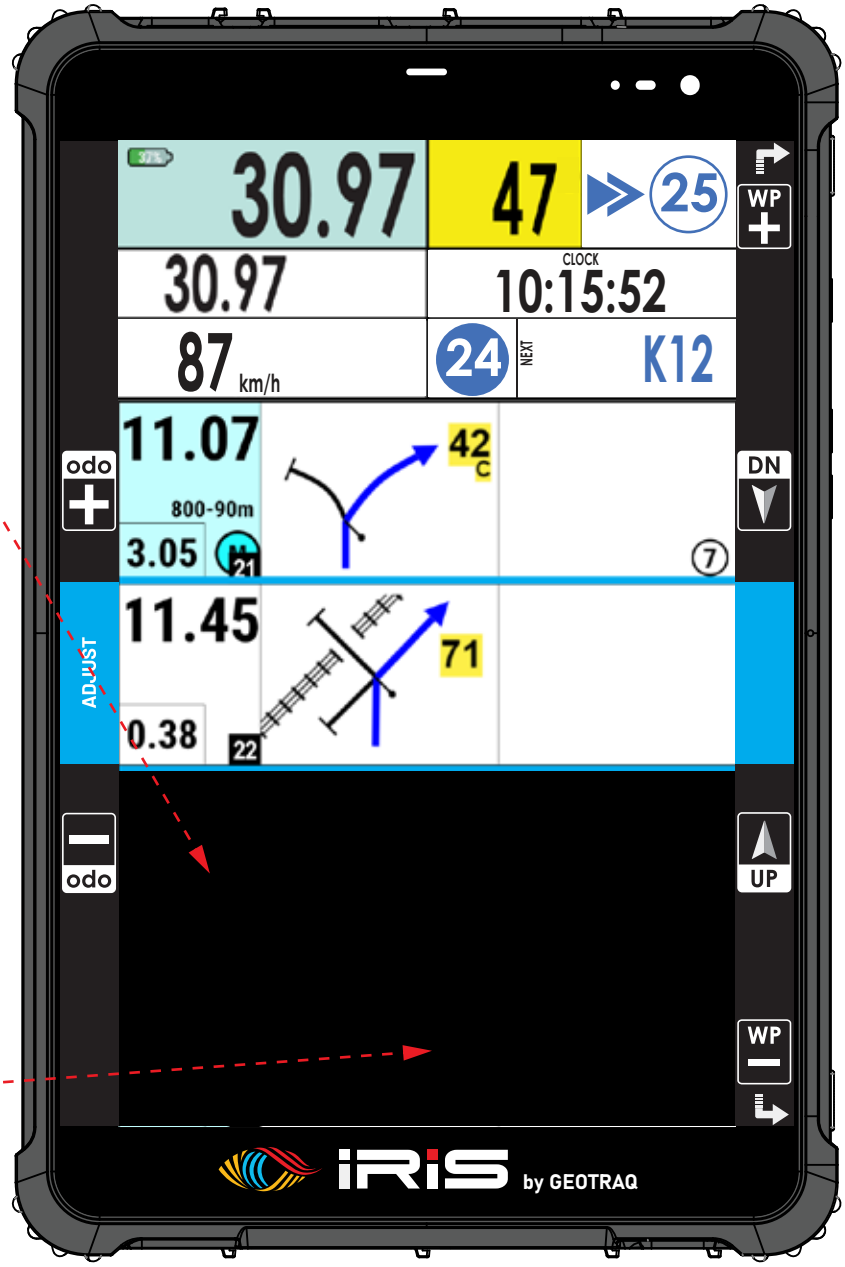


2.

Enter Total Odometer value and confirm with OK



* When Odometer is reversed, the background change to red



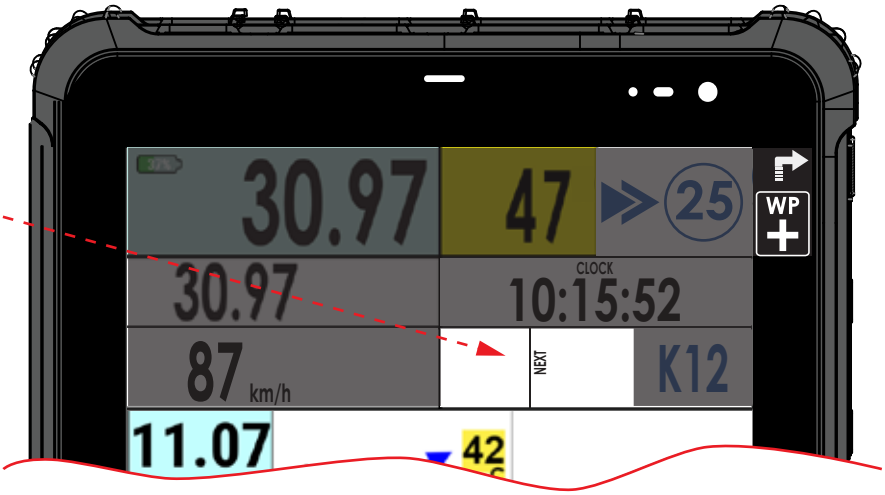
3.

- Press here to Exit function

Stage Overview

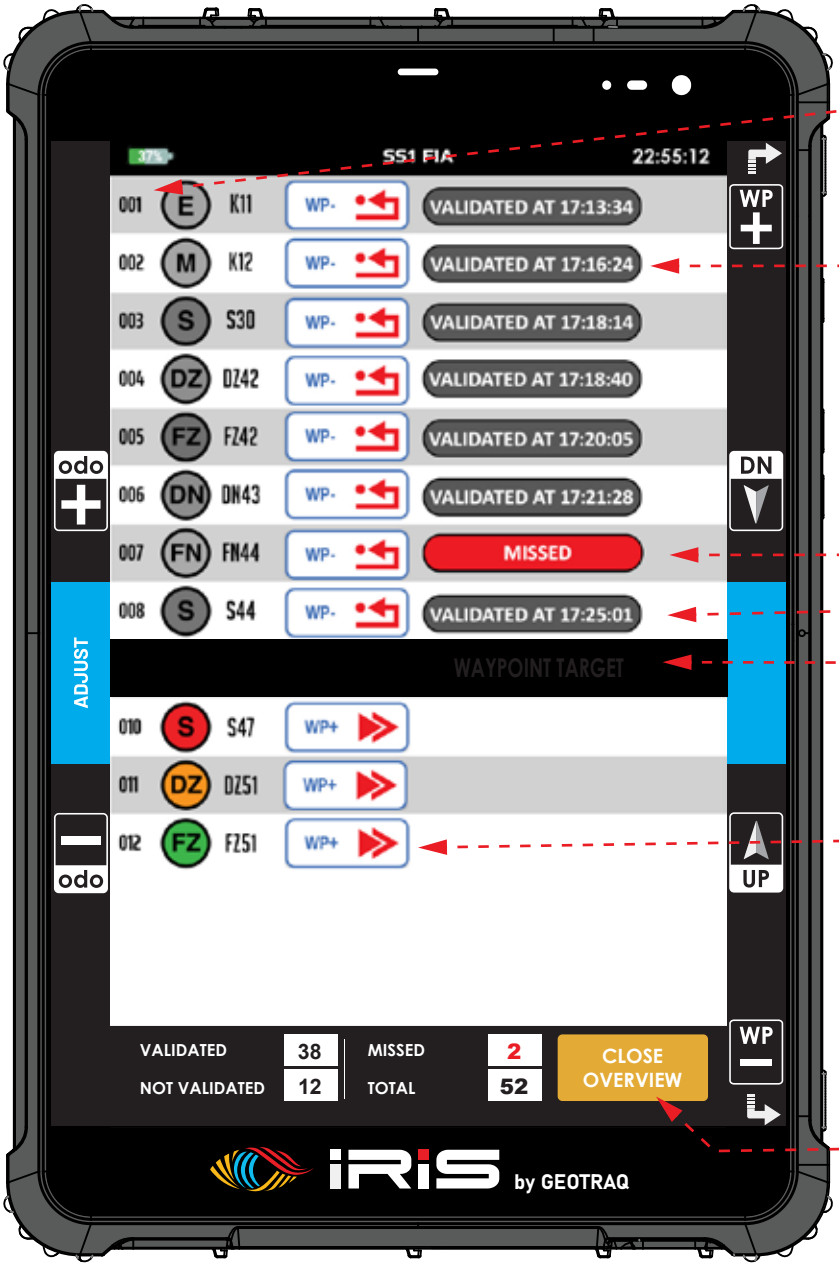
1.

PRESS for Stage Overview



2.

- Waypoint Overview Screen will be displayed



List of Waypoints in Chronological Order

Validation Time Stamp

Waypoint MISSED

Target Waypoint Behind (WP -)

Currently targeted Waypoint

Target Waypoint Ahead (WP +)

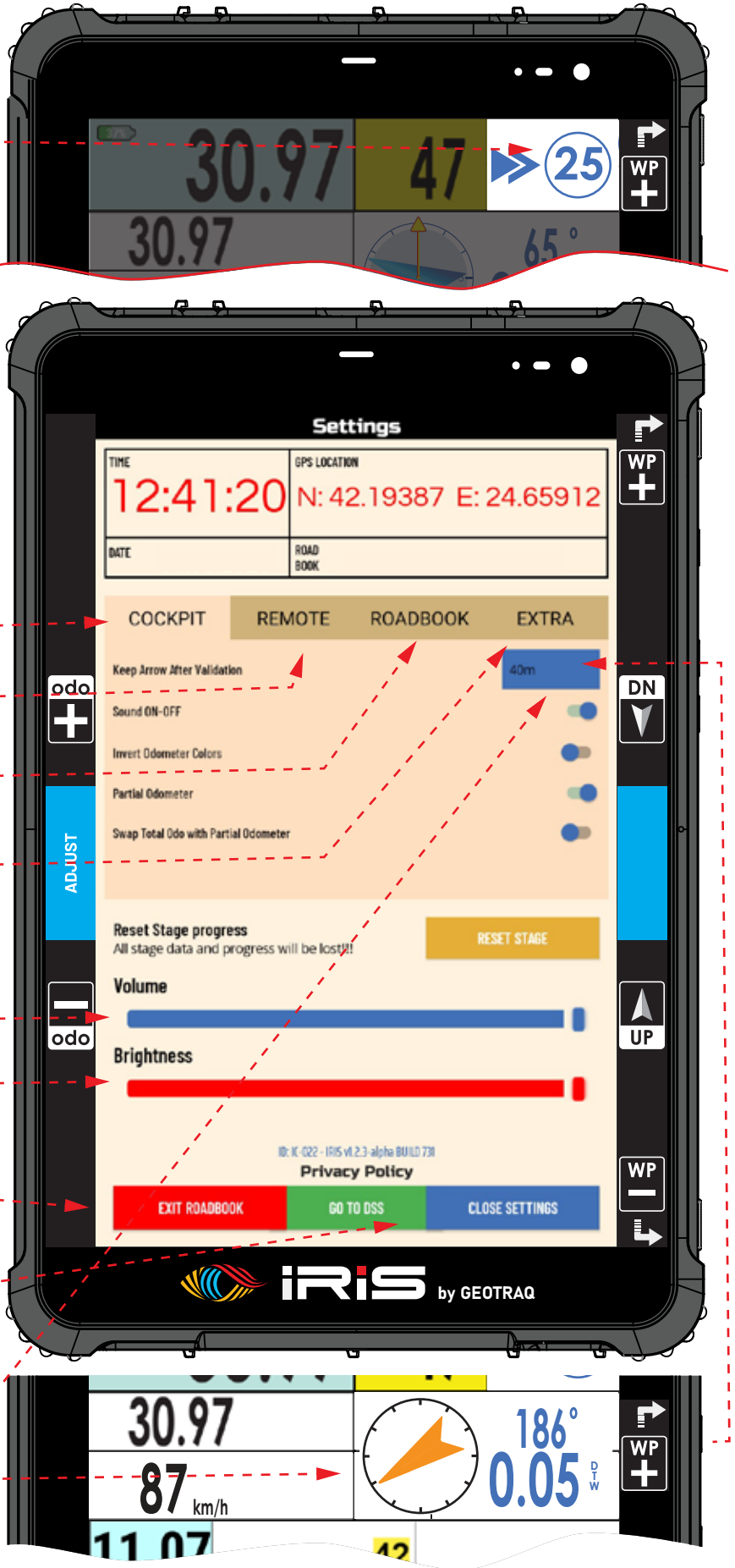
PRESS to exit Overview and return to Road Book

How to edit Settings

1.

PRESS to enter Settings

2.



GPS related settings

Remote Control Settings

Road Book Settings

Additional Settings

Volume Adjustment

Brightness Adjustment

PRESS to exit Road Book and return to Road Book List

PRESS to close Settings and return to Road Book or Slide Down the window

Arrow stays on with orange color until the set value to the center of the WP.

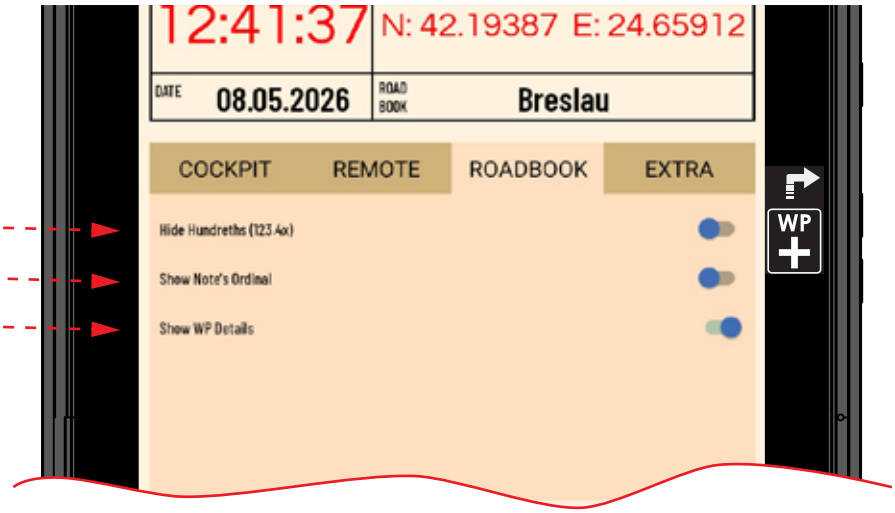
Remote Control Settings

On screen buttons
Reverse Scroll Direction
Reverse ODO Buttons
Audible Feedback
Remote Backlight



Road book Settings

Hide Hundreths
Show Note`s Ordianal
Sohow WP Details



Additional Settings

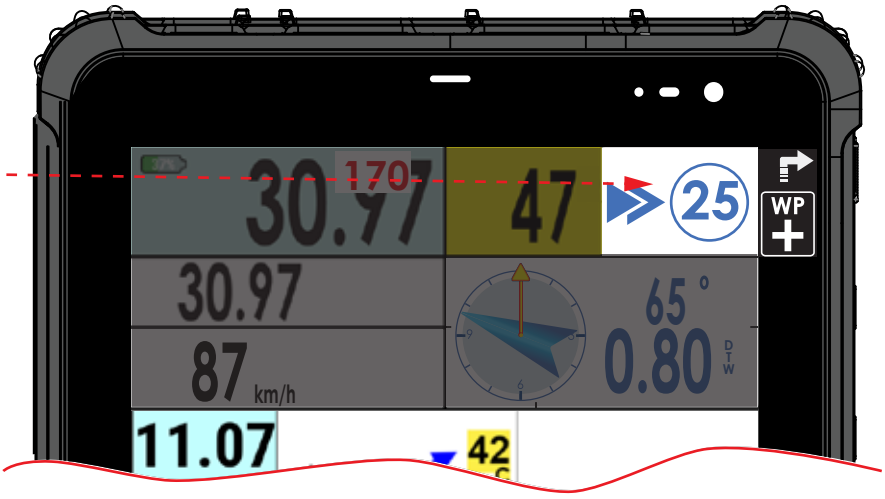
Lower Overspeed Warning
Degrees and Decimal Minutes (DDM)
100m ODO Adjustments
Scroll by page



How to EXIT and CHANGE Road Book

1.

PRESS to enter Settings



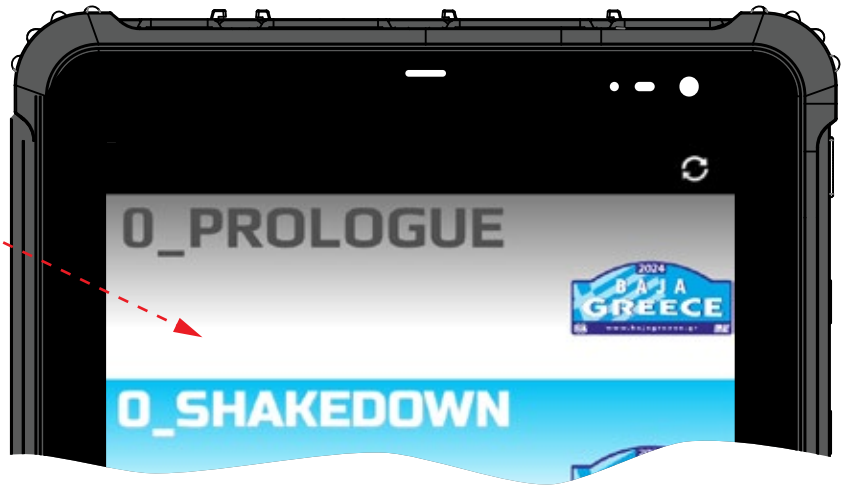
2.

On the bottom of Settings window
PRESS to exit Road Book



3.

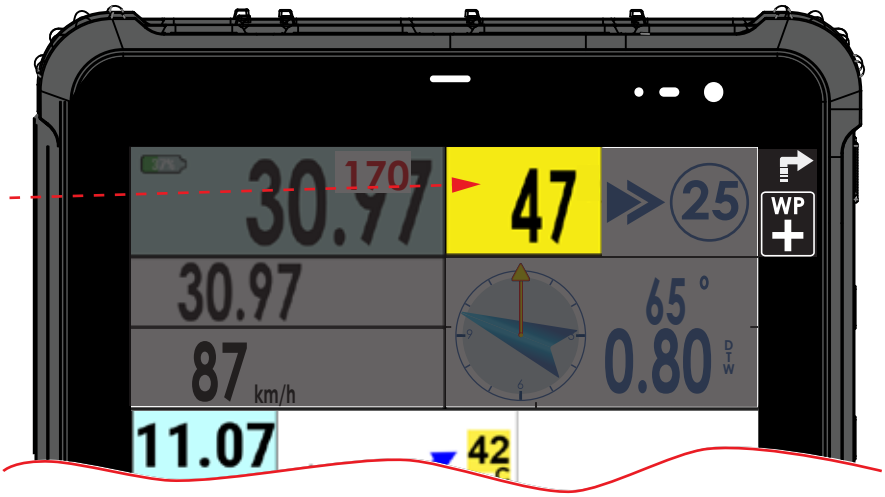
SELECT ROAD BOOK



Map Mode

1.

PRESS to enter Map Mode



2.

Map Mode window will be displayed



Press to close Map Mode window

Zoom In

Zoom Out

Scale level

Lock projection area

Ticket for Missed WP

When you miss a WP and currently you are in validation radius of another WP, a Warning Ticket will be displayed.
The ticket will inform you how many WP are missed and NOT validated.

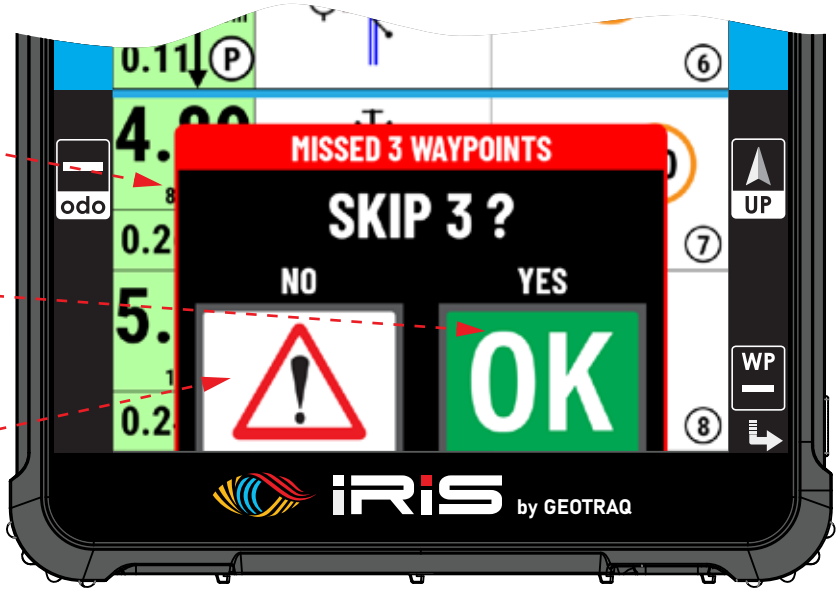
By pressing **OK** the missed WP will be skipped (penalties apply) and you will automatically validate the WP which you are currently in the radius.

By pressing **NO**, the roadbook will still target your old targeted WP.

Warning ticket displays how many WP are missed

By pressing OK the missed WP will be skipped (penalties apply) a confirmation window will appear

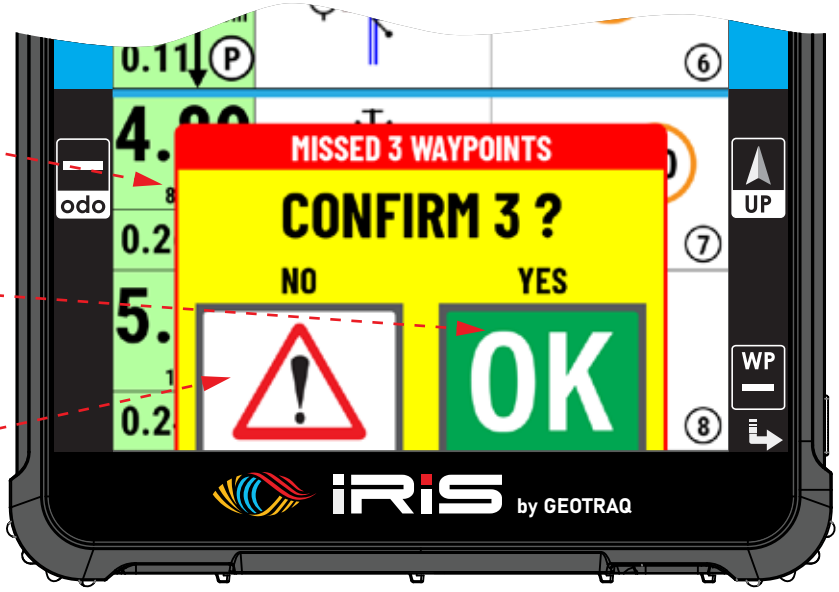
By pressing NO, the roadbook will still target your old targeted WP a confirmation window will appear



A new ticket will appear to confirm your choice.

By pressing OK the missed WP will be skipped (penalties apply) and you will automatically validate the WP which you are currently in the radius.

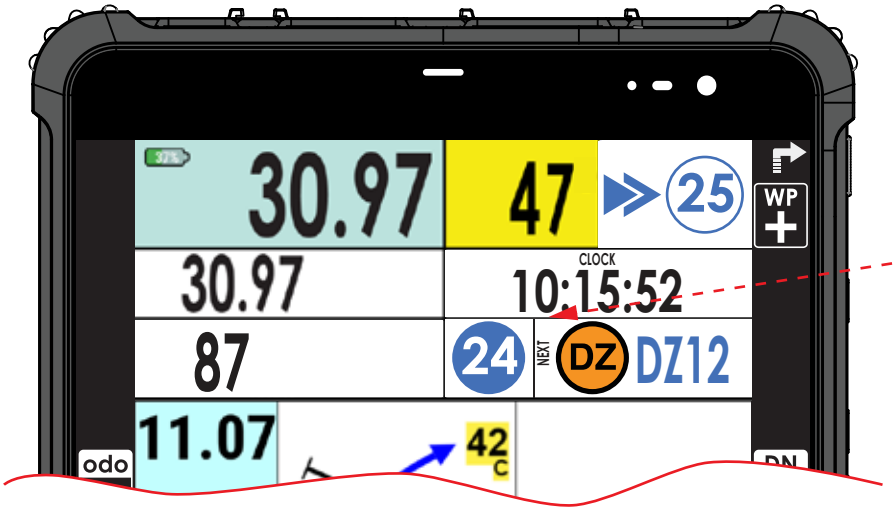
By pressing NO, the roadbook will still target your old targeted WP.



Behaviour in Speed Limit

1. Heading to Speed Limit

- Start of Speed Limit (DZ) is displayed as NEXT Waypoint in the Navigational part of the screen.



2. Entering of Speed Limit - 50 km/h, deacceleration tolerance distance - NO PENALTIES

- The validation of the DZ Waypoint marks the beginning of the Speed Limit Zone. An Orange Frame around the screen will appear and the speed limit, in this case 50 km/h, will be displayed. The current speed with black figures shows that you are in the deacceleration tolerance distance where no penalties for speeding will be applied. See FIA Sporting Regilations. ***Driving speed is below the speed limit - Diagram 1***

Driving Speed **BELOW** Speed Limit

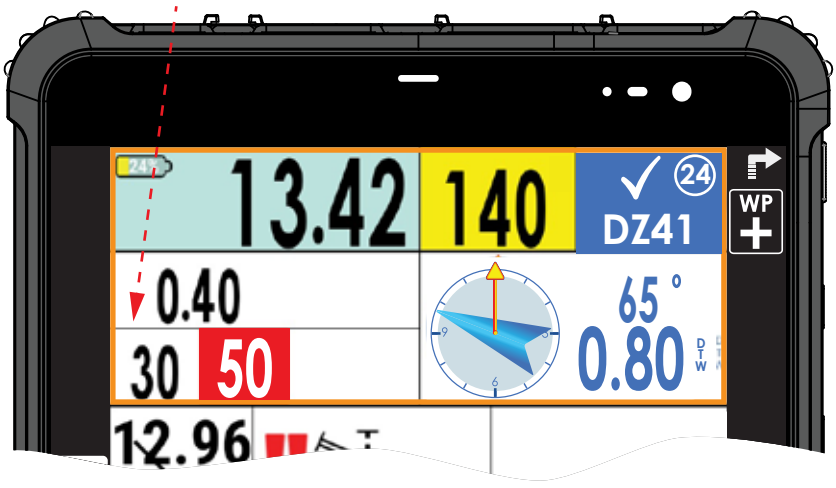


Diagram 1

• If the current speed is higher than the speed limit, the Current Speed Indicator is flashing with red, combined with warning sound.

Driving speed is <u>above</u> the speed limit - Diagram 2

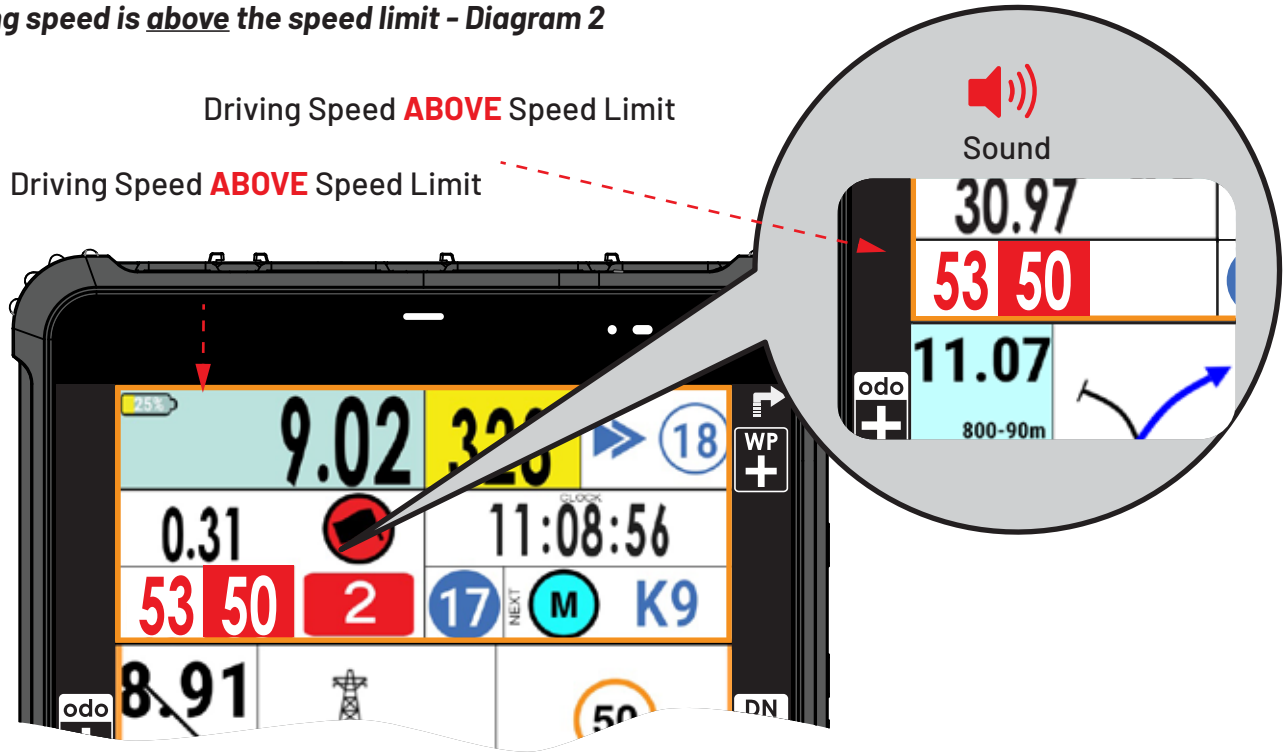


Diagram 2

3. Inside of Speed Limit - 50 km/h, past deacceleration tolerance distance - PENALTIES APPLY

• Past deacceleration tolerance distance penalties will be applied if the driving speed is higher than the speed limit. The speed limit indicator changes its background from white to red and the color of the figures from black to white. Warning sounds become more frequent when driving speed comes closer to speed limit.

Driving speed is <u>below</u> speed limit - Diagram 3

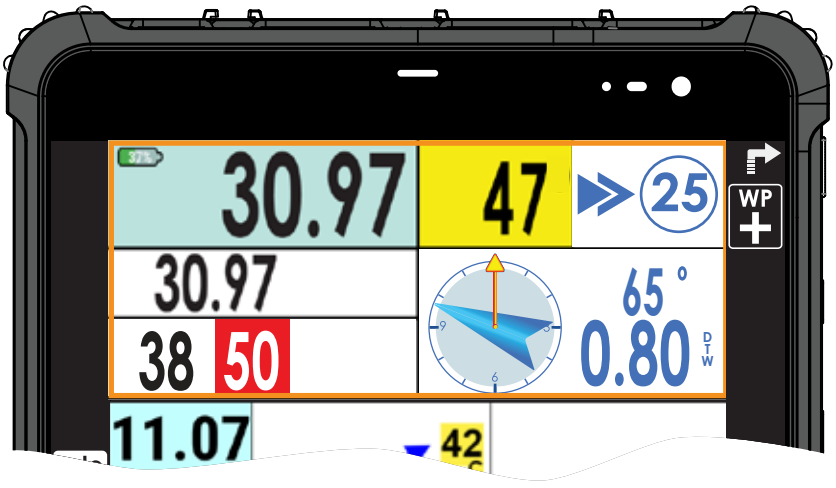


Diagram 3

• If the driving speed is higher than the speed limit, the Driving Speed Indicator is flashing with red, combined with warning sound.

Driving speed is <u>above</u> the speed limit - Diagram 4

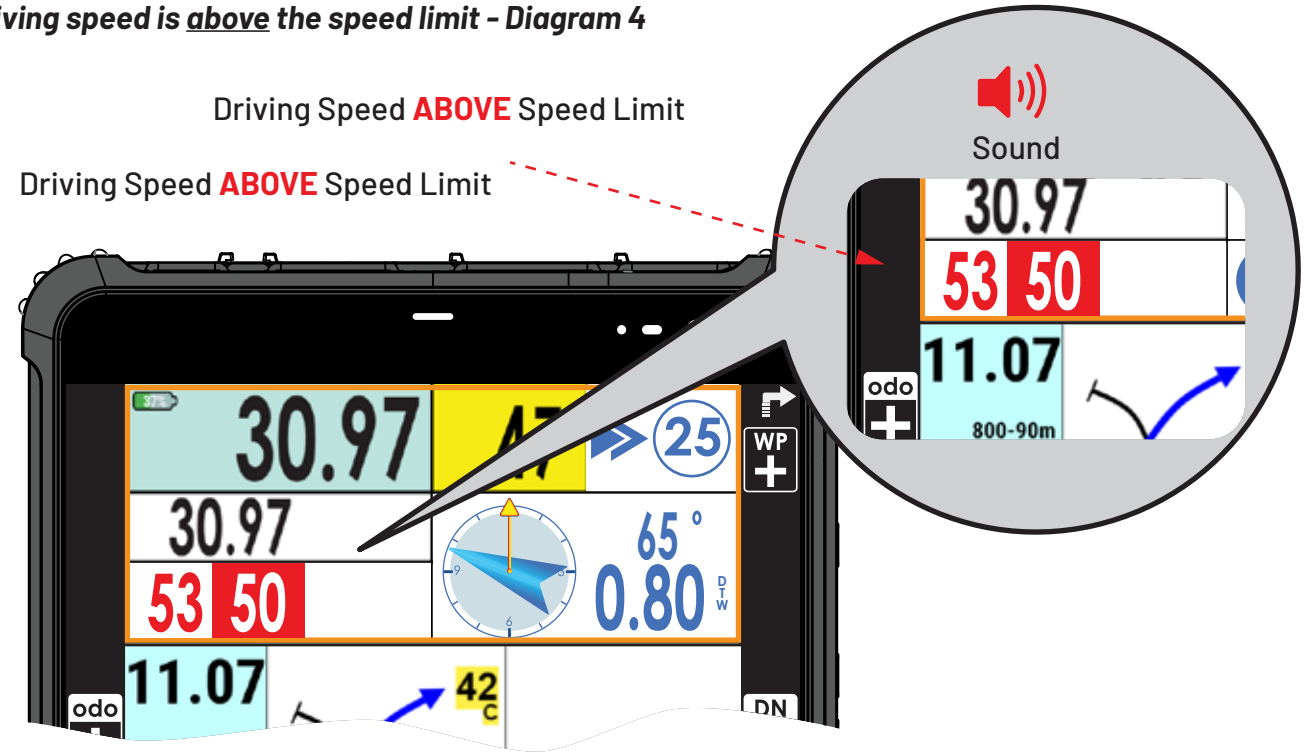


Diagram 4

4. Finish of Speed Limit

• The validation of the waypoint Finish of Speed Limit (FZ) marks the end of the speed limit zone. The orange frame around the screen is turned off. Acceleration can begin.

See Diagram 5

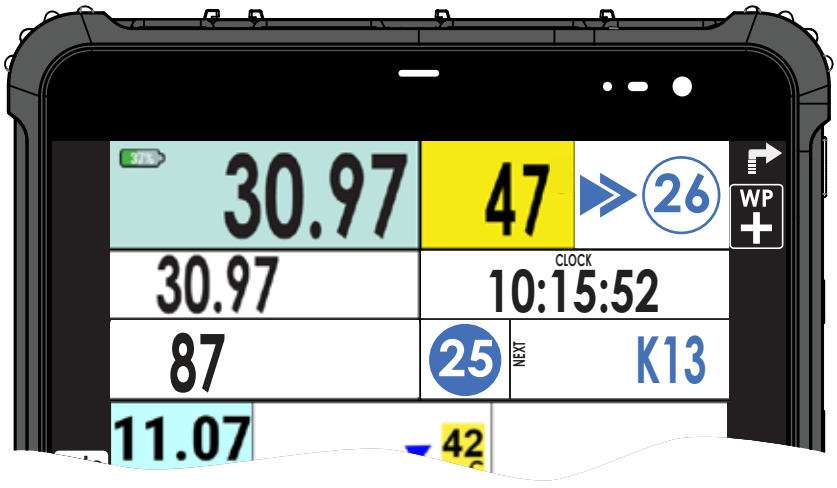
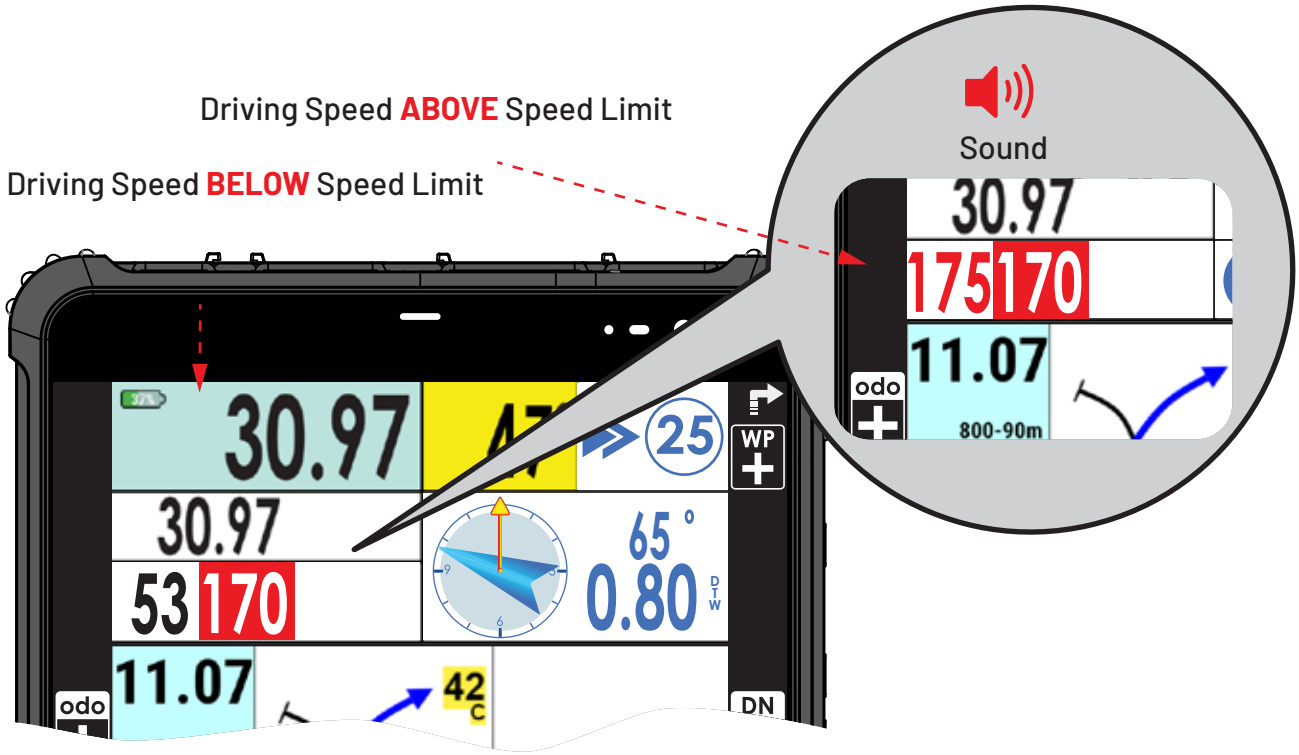


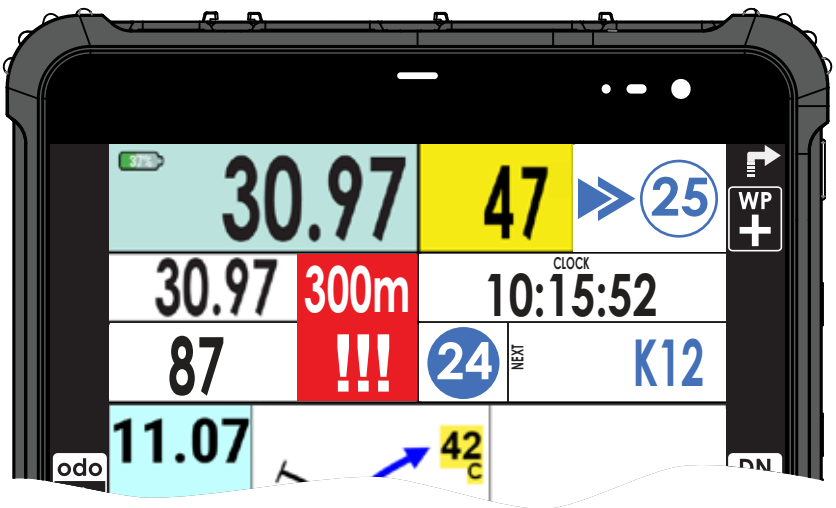
Diagram 5

Warning for Global Speed Limit



Warning for Safety Waypoint - Danger Level 3

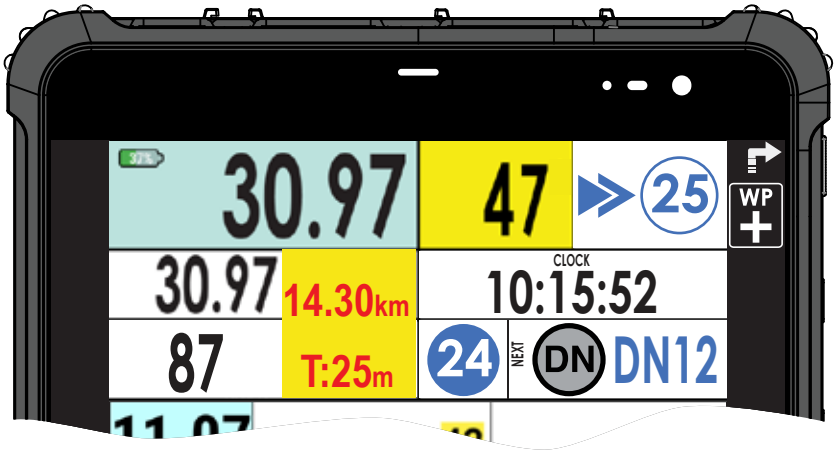
- 300 meters before the validation of the Safety Waypoint the symbol of Danger Level 3 will appear flashing in the Warning / Info Area of the screen together with a repeated warning sound. When the Safety Waypoint is validated the symbol Danger Level 3 disappears and the warning sound stops.



Behaviour in Neutralisation and Transfer (DN) and (DT)

1. Heading to Neutralisation

- 300 meters before the start of Neutralisation the Time for Neutralisation will be displayed in the Warning / Info Area of the screen (in this case T:25).



2. Start of Neutralisation

- When the Waypoint for Start of Neutralisation (DN) is validated, a reverse time counter appears in the Warning / Info Area of the screen and starts counting back the time for Neutralisation.

See Diagram 6 and 7

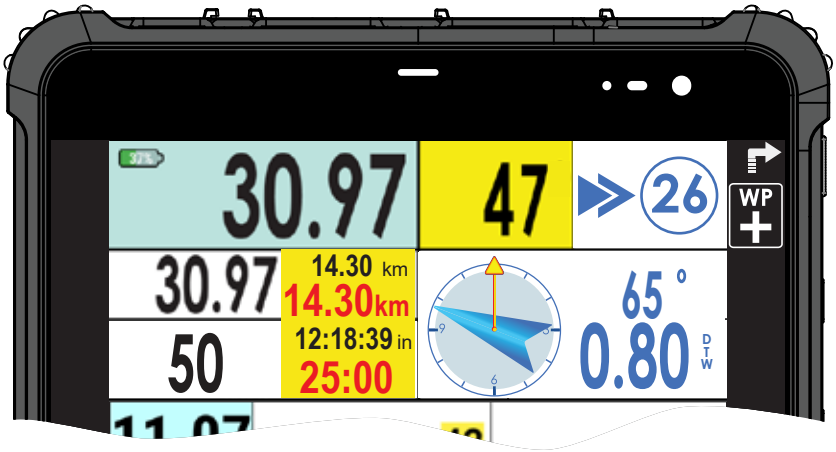


Diagram 6

Astronomic time of validating DN/DT
Time remains displayed troughout zone and disappears when countdown starts.
On top a reverse odometer with the length of the zone appears.

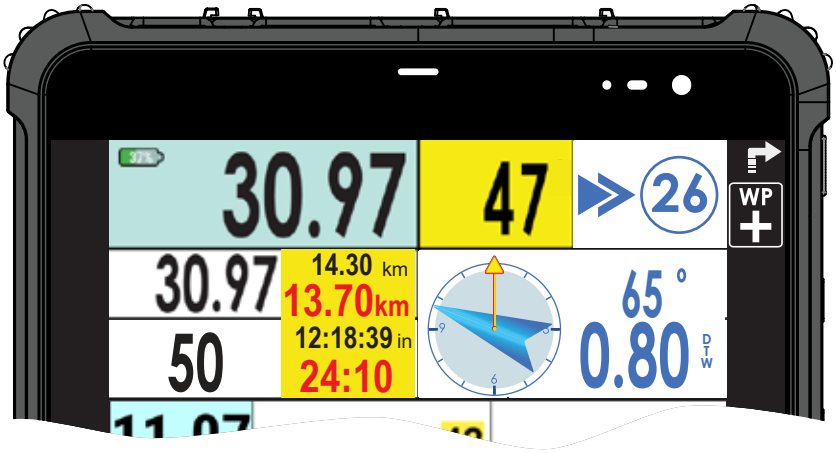
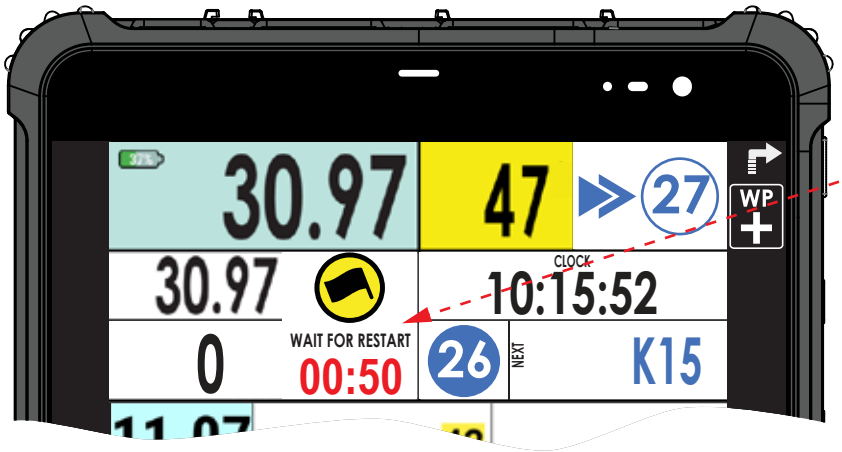


Diagram 7

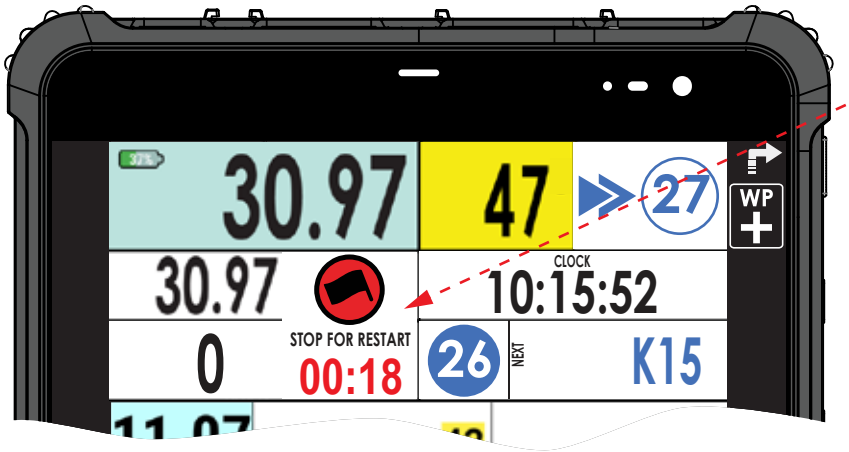
Driving to FN/FT
IN Time stays and reverse odometer counts back as the driver drives.

3. Finish of Neutralisation

Having arrived at the end of the Neutralisation (FN), the Competing Vehicle must stop and wait in front of the Sign with the Start symbol on yellow background, from where the vehicle may enter the Validation Radius of the FN Waypoint 60 seconds before its individual start time and be driven to the start line. (START Symbol).

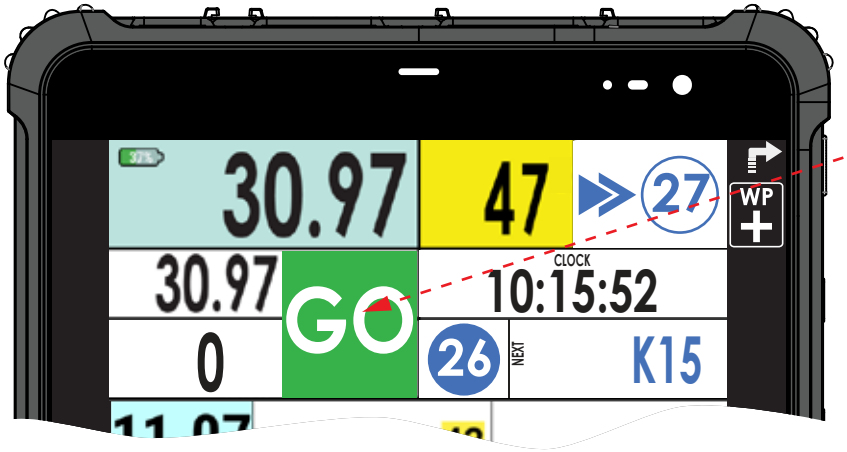


Vehicle must move to the restart line (Sign with Start Symbol in red background)



A sound will play at remaining time for restart:

- 30 sec
- 5 sec
- 4 sec
- 3 sec
- 2 sec
- 1 sec



The countdown is over and the vehicle must start

GO longer beep sound

Behaviour in Neutralisation and Transfer with Speed Limit DN and DT

• The device manages Neutralisation / Transfer and Speed Limit combining the functionalities described in the two previous paragraphs.

Troubleshooting

Problem	Solution
Screen doesn`t turn ON	Charge the device.
The Blue button OPEN ROAD BOOK is missing becouse GPS signal acquired	Bring the device outside and ensure unobstracted view to the sky. Once GPS signal is acquired the Blue button will appear
On the blue button instead of OPEN ROAD BOOK a reverse timer is displayed	The road book will open after a preset time, defined by the organizer. Once the reverse timer has finished, OPEN ROAD BOOK will be displayed.
The touch screen is not working	Unlock the screen with LONG PRESS over area on bottom right corner of the Screen
Increasing Brightness	The Brightness can be increased from Settings menu. See Page 10

Tips before Start

1. Ensure that the charging cable is directly connected to the car battery.
2. The cable must stay allways connected and supplying the Device with constant 12V even when the vehicle is switched OFF.
3. LED light should illuminate on the top right corner if everything is properly connected.
4. If the device battery is LOW the LED light will illuminate RED and it will blink.