988-119100-001

SIMRAD

ADDENDUM GO XSE

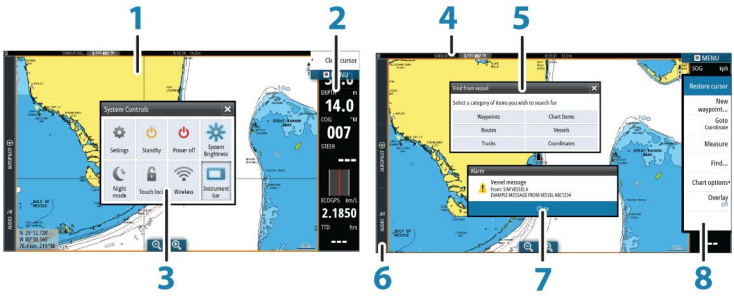
- **sw release 3.0**

This addendum documents new features that are included in GO XSE software release 3.0 and that are not described in the GO XSE Operator manual or other documentation.

New control bar

A new control bar is now displayed on the left-side of application pages. It contains buttons for launching controllers for features enabled in your unit. The controllers can no longer be launched from the Instrument bar on application pages.

Application pages



Each application connected to the system is presented on panels. The application can be presented as a full page, or in combination with other panels in a multiple panel page.

All application pages are accessed from the **Home** page.

1 **Application panel**

2 **Instrument bar**
Navigation and sensor information. The bar can be turned off and it can be configured by the user.

3 **System controls dialog**
Quick access to basic system settings.
Display the dialog by a short press on the **Power** key or by swiping down from top of the screen.

4 **Status bar**

5 **Dialog**
Information to or input from the user.

6 **Control bar**
Select a feature button to display controls for it.

7 **Alarm message**
Displayed if dangerous situations or system faults occur.

8 **Menu**
Panel specific menu.
Display the menu by selecting the **MENU** panel button.

Autopilot controller

Select Autopilot in the Control bar to activate the Autopilot controller.

The Autopilot controller has a fixed position on the left-side of the page.

Close the Autopilot controller by selecting Close/Back on the Autopilot controller.

You can also close the Autopilot controller by selecting Autopilot or another button on the Control bar.

Open it again by selecting Autopilot on the Control bar.

The following Autopilot controller pages are available:

- Autopilot controller, showing active mode, heading, rudder and various steering information depending on active autopilot mode. Manual adjustments to the set heading can only be made when the port and starboard arrow indicators are illuminated red and green.
- Mode selection, includes access to turn pattern selection.
- Turn pattern selection, available when in Heading Hold mode.

→ ***Note:*** The turn steering option is not available if the boat type is set to SAIL in the Autopilot commissioning dialog, instead the tack/gybe feature is implemented. Refer to the Operator Manual.

Autopilot controller

Mode selection

Turn pattern selection

Activating the autopilot

Activate the autopilot from any panel by selecting the autopilot option in the Control bar, followed by selecting a mode in the Autopilot controller.

The autopilot can also be activated in navigation mode from applications when you select to navigate to the cursor, a waypoint, or a route.

Autopilot indication on the pages

1 Control bar

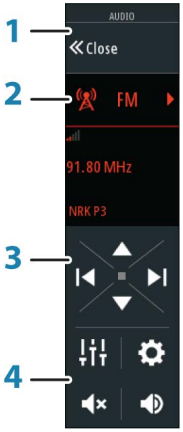
2 Autopilot controller

3 Autopilot indication in Status bar

The Audio controller

Activate the Audio controller by selecting Audio in the Control bar.

The control buttons, tools and options vary from one audio source to another as described later in this chapter.



1 Audio controller

2 Audio source

3 Audio controller buttons

4 Audio controller tools

Operating the audio system

1. Select Audio in the Control bar to open the Audio controller
2. Select the Audio source button and then select the audio source
   - Number of sources depends on the active audio server
3. Use the controller buttons to control your audio system

For an overview of audio control buttons and tools, refer to *"Audio control buttons"* on page 7. Also see *"Audio Tools"* on page 9.

For available options, refer to the documentation following your audio equipment.

Audio control buttons

→ ***Note:*** VHF controls are available when audio servers with built in VHF receivers are connected.
The Mic source allows you to broadcast loud hailer messages over the audio system.

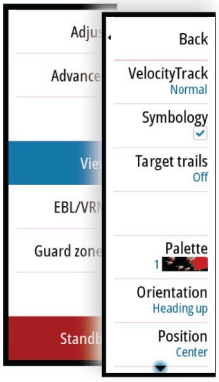
Icon	Tuner	VHF	DVD	Playback
	Select to display the list of available sources			
	Select to go to previous frequency. Press and hold to tune in a channel.		Select to rewind	Press and hold to rewind. Select to play previous track.
	Select to go to next frequency. Press and hold to tune in a channel.		Select to fast forward	Press and hold to fast forward. Select to play next track.
	Select to go to next/ previous favorite channel		N/A	N/A
	N/A	N/A	Select to start	
	N/A	N/A	Select to pause playback	
	Select to display the volume slider.			
	Select to mute.			
	Select to unmute.			

Audio tools

Icon	Tuner	VHF	Playback
	Signal strength	N/A	N/A
	N/A	N/A	Select to toggle on/off repeat function. The icon is colored when the function is active.
	N/A	N/A	Select to toggle on/off shuffle mode. The icon is colored when the function is active.
	Select to power on/off the active source. This button location is dependent on your unit's size. It is on the main Audio controller panel on larger units, and on the Audio controller's source panel on smaller units.		
	Select to display options for setting up zones and master control		
	Select to display the favorite stations for the tuner	Select to display the favorite channels for the VHF	Select to display the Device explorer. Use the explorer to access the source's native controller or file structure and to select tracks.

Icon	Tuner	VHF	Playback
	Select to display optional settings for active source		

Radar view options



View menu options vary depending on your radar antenna.

→ ***Note:*** Radar is not available on the 5" and 7" units.

VelocityTrack

This option is available for radar antennas that have Doppler coloring functionality.

This is an unlock feature, refer to *"Feature unlock"* on page 12.

→ ***Note:*** When VelocityTrack is enabled antenna rotation speed may be reduced.

Doppler coloring is a navigation aid to distinguish moving targets approaching or diverging from your vessel. The radar indicates if a target is approaching or diverging from your vessel when both these conditions are true:

- The target's relative speed is greater than the VelocityTrack speed threshold.
- The target is not geo-stationary (e.g. land or a marker buoy).

The following options are available:

- Off - turns off Doppler coloring
- Normal - approaching targets and diverging targets are colored.
- Approaching targets - only approaching targets are colored

The color of approaching and diverging targets depends on the palette used:

Radar image palettes

- Diverging targets are blue colored on all radar image palettes.
- Approaching target colors on radar image palettes:
  - Black/Red palette - Yellow
  - White/Red palette - Yellow
  - Black/Green palette - Red
  - Black/Yellow palette - Red

Radar overlay palettes on charts

- Diverging targets are dark grey.
- Approaching targets are yellow.

VelocityTrack settings

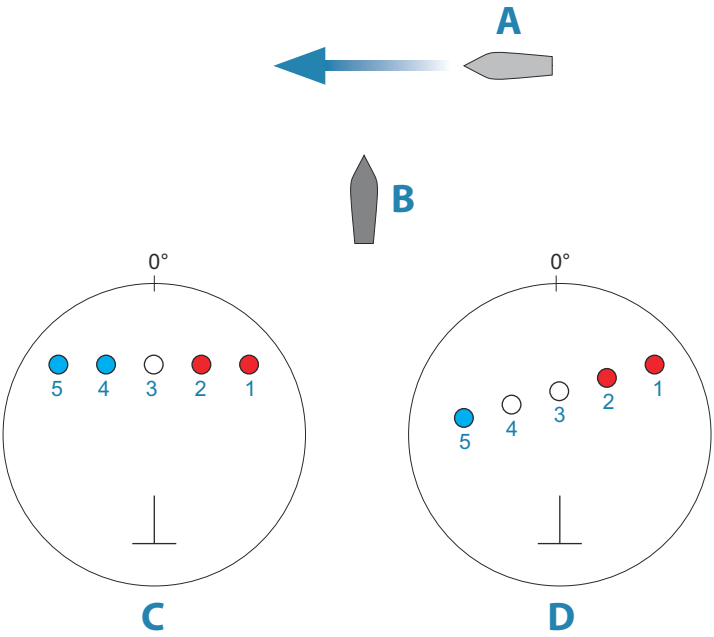
Use this dialog to set speed thresholds of targets to be colored.

The speed threshold can be defined to apply for the radar source of the selected radar panel only, or to all radar sources connected to the system. The setting is only applied to those radars powered and connected at the time the setting is made. If the all radar sources option is selected, newly connected radars will use the specified values automatically.

VelocityTrack examples

Approaching and diverging moving targets can be indicated as neutral (not colored) in some circumstances. The navigator should be aware of these situations to safely use the VelocityTrack feature as an aid for collision avoidance.

Examples of how VelocityTrack behaves in 2 navigation scenarios is illustrated below. The illustrations show a target (**A**) crossing own vessel's (**B**) path.



The examples show the target movement (1-5) over 5 radar scans with the radar in relative motion mode.

In example **C**, own vessel COG is 0°, and speed is 0 knots.

In example **D**, own vessel COG is 0°, and speed is 10 knots.

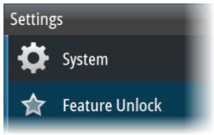
In both examples, the target COG is 270°, and the speed is 20 knots.

The colors in the example are according to the colors used for black/green and black/yellow radar palettes:

- Red, indicating the target is on an approaching path to own vessel. It's relative speed at that point is greater than the VelocityTrack speed threshold.
- Not colored, indicating it is temporarily neutral because it's relative speed at that point is less than the VelocityTrack speed threshold.
- Blue, indicating the target is diverging away from own vessel and it's relative speed at that point is greater than the VelocityTrack speed threshold.

Feature unlock

Features can be unlocked by entering the feature unlock code.



→ ***Note:*** The Feature Unlock option is only available if your unit supports a locked feature.

Select the Feature Unlock option in the Settings dialog and then the feature you want to unlock. Follow the instructions to purchase and enter the feature unlock code.

After a feature unlock code is entered in the unit, the feature is available for use.

Genesis Layer

The Genesis Layer displays high-resolution contours contributed by Genesis users that have passed a quality check.

This option toggles the Genesis layer on/off on the chart image. When the Genesis layer is on, the High-res bathy is disabled.

Available only if the C-MAP chart contains Genesis Layer data.

Navionics charts

Some Navionics features require the most current data from Navionics. For those features, a message is displayed stating that the feature is unavailable if you do not have the appropriate Navionics charts or chart card inserted. For more information on what is required for these features, refer to www.navionics.com.

You can also get a message if you try to use a restricted feature when the Navionics chart card is not activated. To activate the card, contact Navionics.

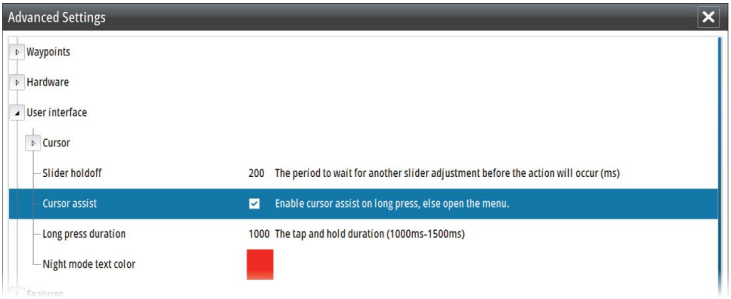
SCL History

→ ***Note:*** If no active Navionics chart subscription is found, the SonarChart Live menu option changes to SCL History.

Select to display previously recorded data on the chart overlay.

Customizing the long press feature

Use the **Advanced settings** dialog to specify if the long press on the panel opens the menu or displays the cursor assist feature on the panel.


Advanced Settings
Waypoints
Hardware
User interface
Cursor
Slider holdoff
200
The period to wait for another slider adjustment before the action will occur (ms)
Cursor assist
Enable cursor assist on long press, else open the menu.
Long press duration
1000
The tap and hold duration (1000ms-1500ms)
Night mode text color