

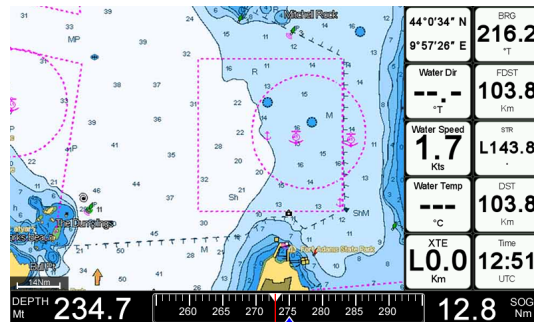
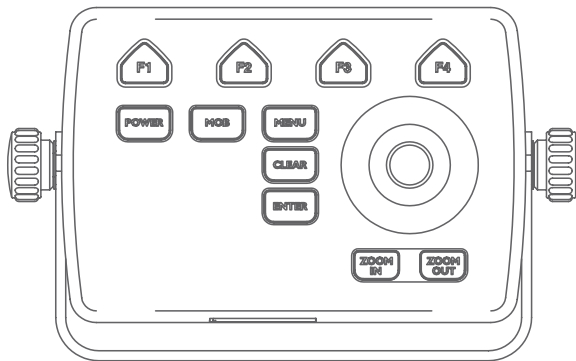
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1. What's new about Controller30?

New features	
NMEA 2000/CANBUS	NMEA 2000 support
Remote control	Full control on the software, fully functional (Controller is optional)
microSD	1 slot
HDMI	Video output
Unit Hardware	
Power supply	10-35 Vdc
Power switch	On Rubber keypad
Storage temperature	-20 +80 °C
Operating temperature	-20 +60°C
Buzzer	Internal
Main board	
CPU	Cortex A9 1Ghz
iNAND	4 GB
RAM	512 MB
Remote control	Radio 2.4Ghz
Software design	
UI concept	Redesigned to improve the usability with keyboard and remote control
Graphics	High contrast color palette
Menus	Single level, directly from the map
Data boxes on map	1 or 2 vertical columns on the right, with 5 databoxes each, with editable content
Cursor or fix menu	Pop up menu
Cursor info	Dedicated data box on the map

2. HMI and Menu tree introduction



Map Page

ENTER

MENU



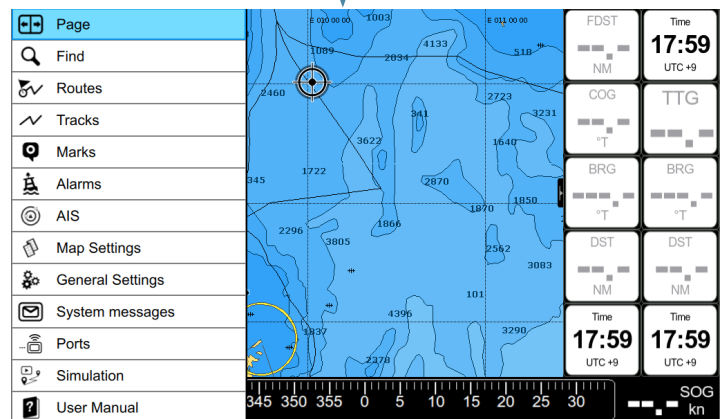
Fix or cursor menu

On cursor:

- Go to
 - Clear route (if route active)
 - Mark
 - New route
 - Info
 - A-B
- (other actions as delete and edit enabled in case of marks and wps)

On fix:

- Clear route (if route active)
- Mark
- Course predictor
- Track on/off
- Info
- A-B

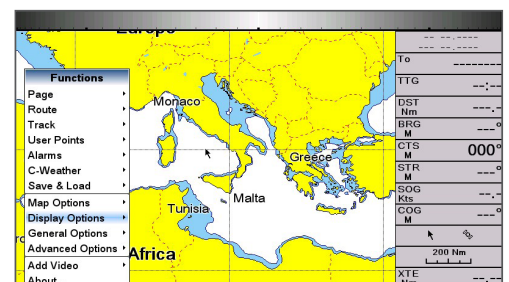


Main menu (Map)

- Page
- Find
- Routes
- Tracks
- Marks
- Alarms
- AIS
- Map settings
- General settings
- System messages
- Ports and connections
- Simulation
- User Manual

Old controller:

with the re-design, the new Controller 30 introduce the single level menu, inspired by the old controller approach.



3. Main menu tree and Settings

Main menu content is contextual to the page. For instance, the same menu on Fish Finder page contains also the issues related to the FF settings and functions.

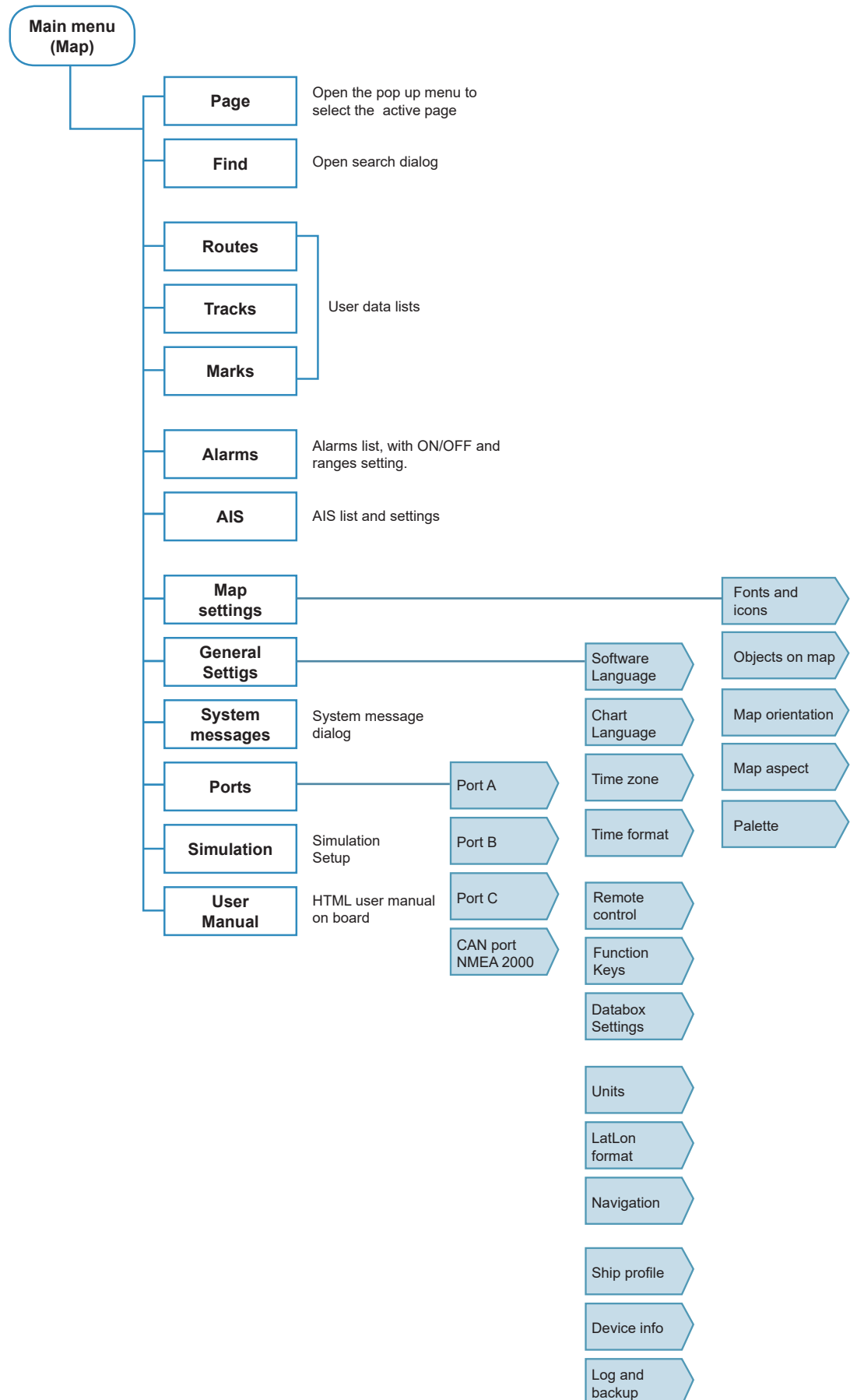
The diagram on the right refers to the main menu open from map page.

	Page
	Find
	Routes
	Tracks
	Marks
	Alarms
	AIS
	Map Settings
	General Settings
	System messages
	Ports
	Simulation
	User Manual

Map Main Menu

	Page
	Frequency kHz
	Range Mode
	Gain Mode
	Transducer setup
	Sensitivity
	Display Settings
	Alarm Settings
	General Settings
	System messages
	Ports
	Simulation
	User Manual

FishFinder Main Menu



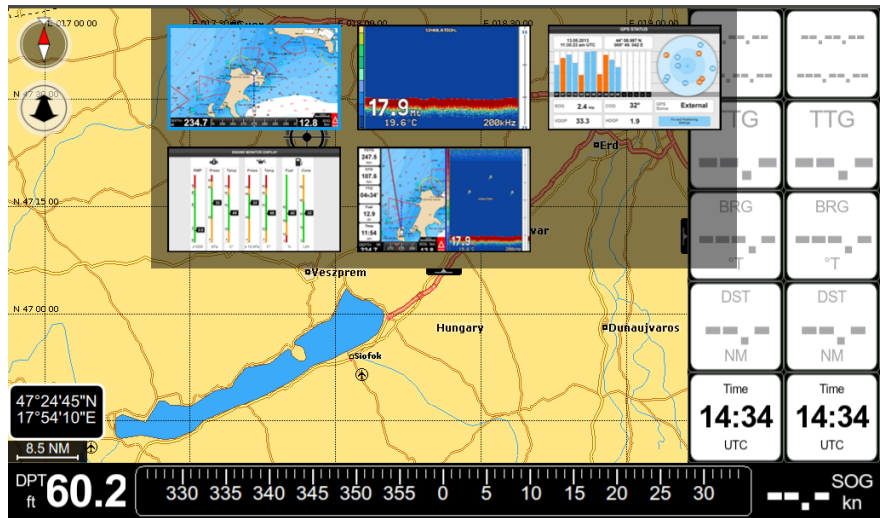
4. Full and combo pages

4.1 How to change the page

Main menu
(Map)

Page

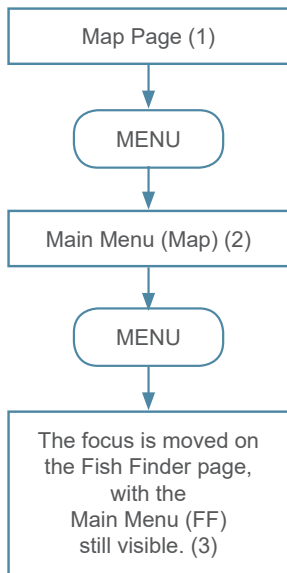
The Page button on main menu opens the Page widget, a pop menu on map with the list of the available pages. Use the joystick to select the desired page and press ENTER.



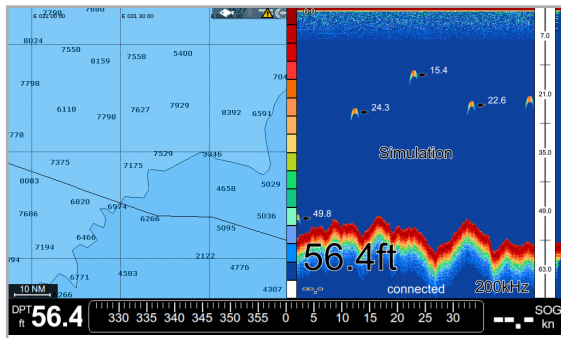
4.1 How to move the focus in combo pages

By default, in the combo page Map + FishFinder the focus is on the map.

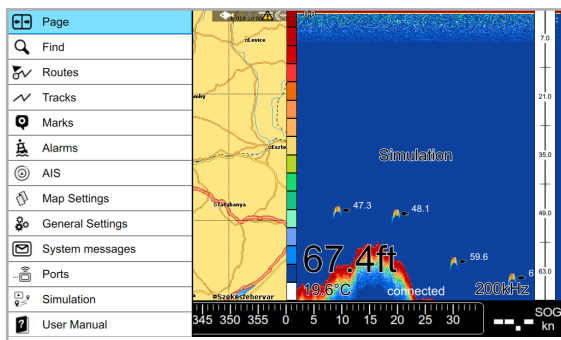
To move the focus, press MENU and then use the Joystick LEFT-RIGHT:



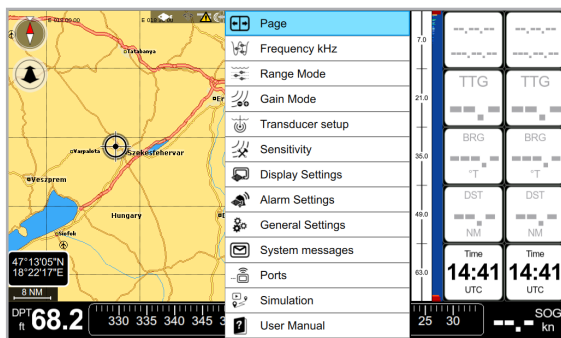
1



2



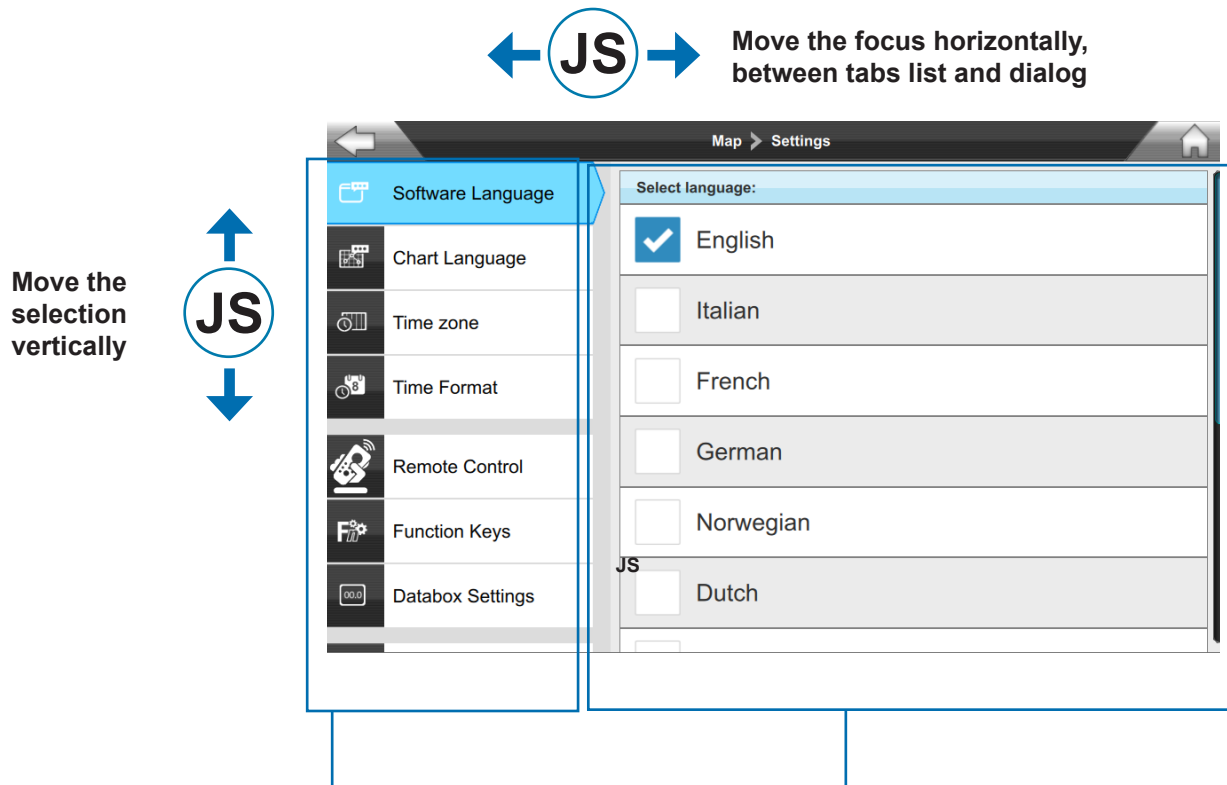
3



5. Settings dialogs

Settings page are divided in 2 parts:

1. **Tabs:** The list of issues.
2. **Dialog:** It is the content of each tab and contains the settings available for the selected issue.



TABS:

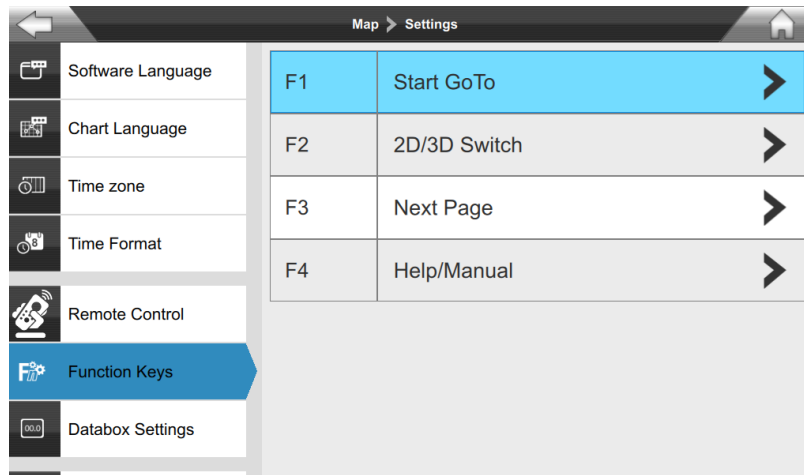
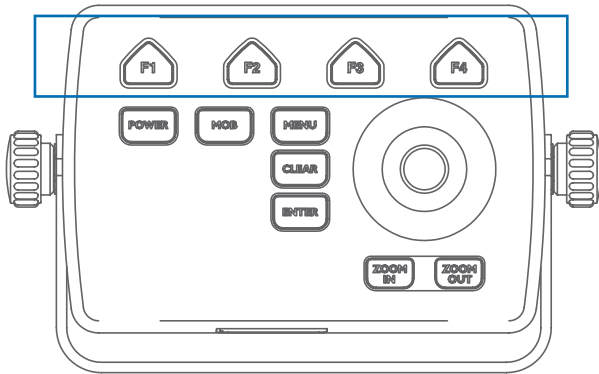
1. Use the joystick UP-DOWN to scroll the tabs.
2. To select a tab and move the focus to the dialog page, press ENTER or use the joystick RIGHT.

DIALOG:

3. Use the joystick UP-DOWN to scroll the rows.
4. Press ENTER to select the option and act on the control.
5. Use the joystick LEFT to move the focus back to the tabs.
6. Press CLEAR to close and comeback to map.

6. Function keys

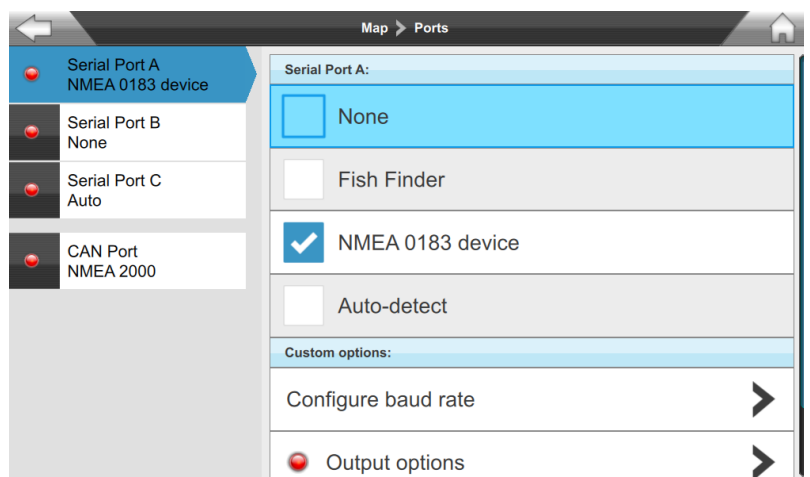
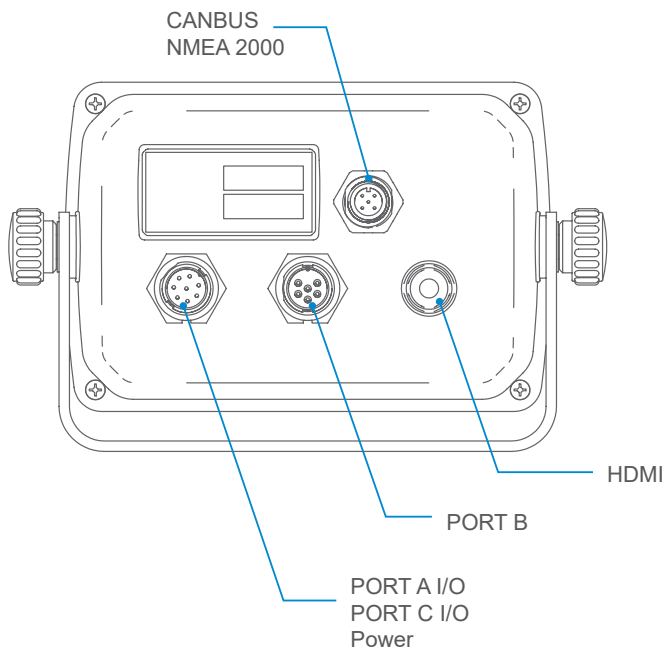
Use Function Keys dialog to customize the function related to F keys on keyboard. Press ENTER on the FX row to open the popup list of options.



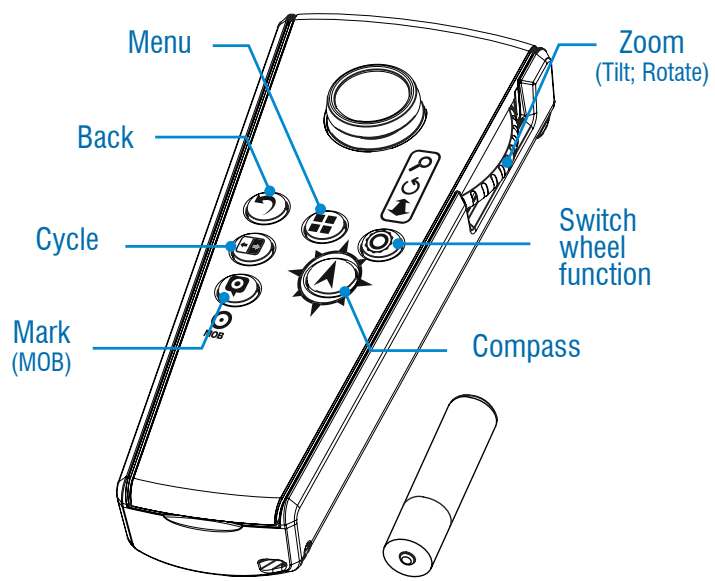
7. Ports

Use Ports dialog to customize the connections. On tab related to each port, an icon shows the status:

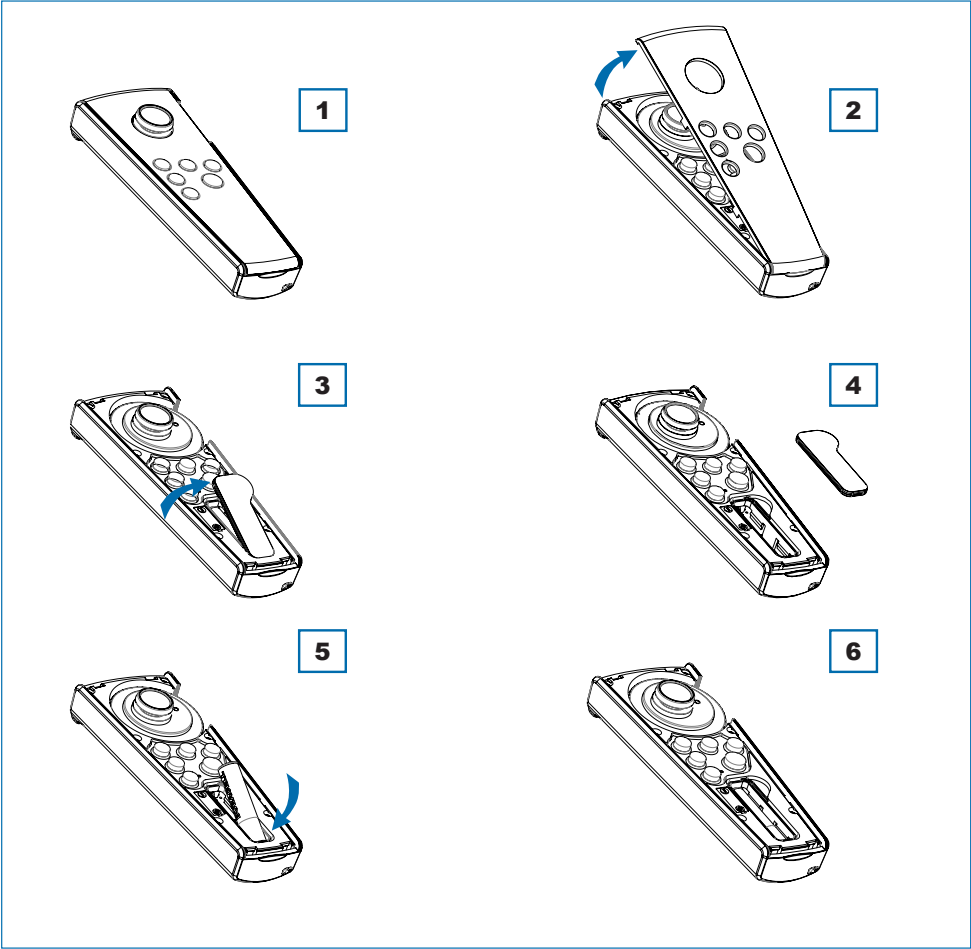
- Blue: receiving data
- Red: not receiving



7. Remote control



7.1 How to insert the battery



7.2 How to enter the PIN for pairing

