

An underwater scene featuring an orange ROV with black spots and a gripper, positioned in the center-left. The background is dark blue with some light rays and faint structures. On the left side of the orange bar, there are four white dots and a vertical white line.

Quick Start Guide Seasam with Gripper

December 2022



notilo plus

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 - Delivery before September 2021
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I - GRIPPER INSTALLATION



I - GRIPPER INSTALLATION

Installation of the Gripper

Equipment required

- Drone
- Arm gripper
- Foam
- Ring

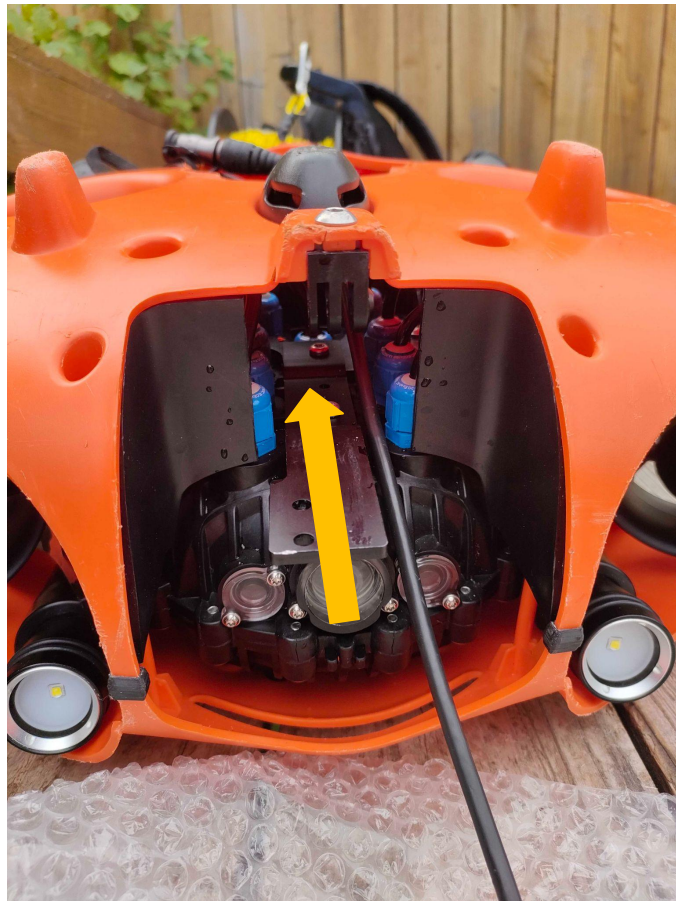
[Access the video of the gripper installation here](#)



I - GRIPPER INSTALLATION

Installation of the Gripper

Place the drone on its back and open the battery compartment and pass on the gripper cable from the front of the drone to the battery compartment



Recover the cable from the drone

The battery must not be connected to the drone during this step



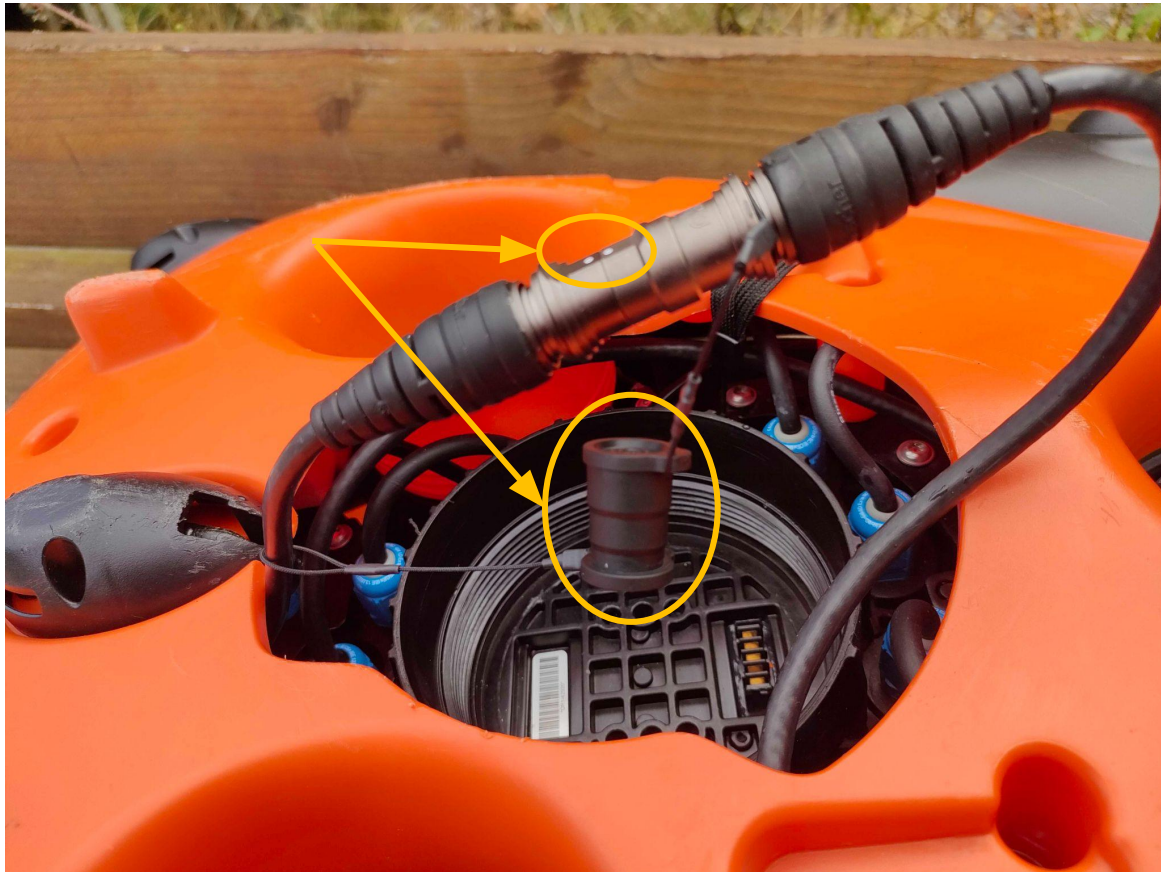
I - GRIPPER INSTALLATION

Installation of the Gripper

Connect the gripper cable with the connector inside the drone.
The two white dots must face each other and the two caps closed together

Store the two connectors and the caps on the side of the battery compartment under the hull

The battery must not be connected to the drone during this step



I - GRIPPER INSTALLATION

Installation of the Gripper

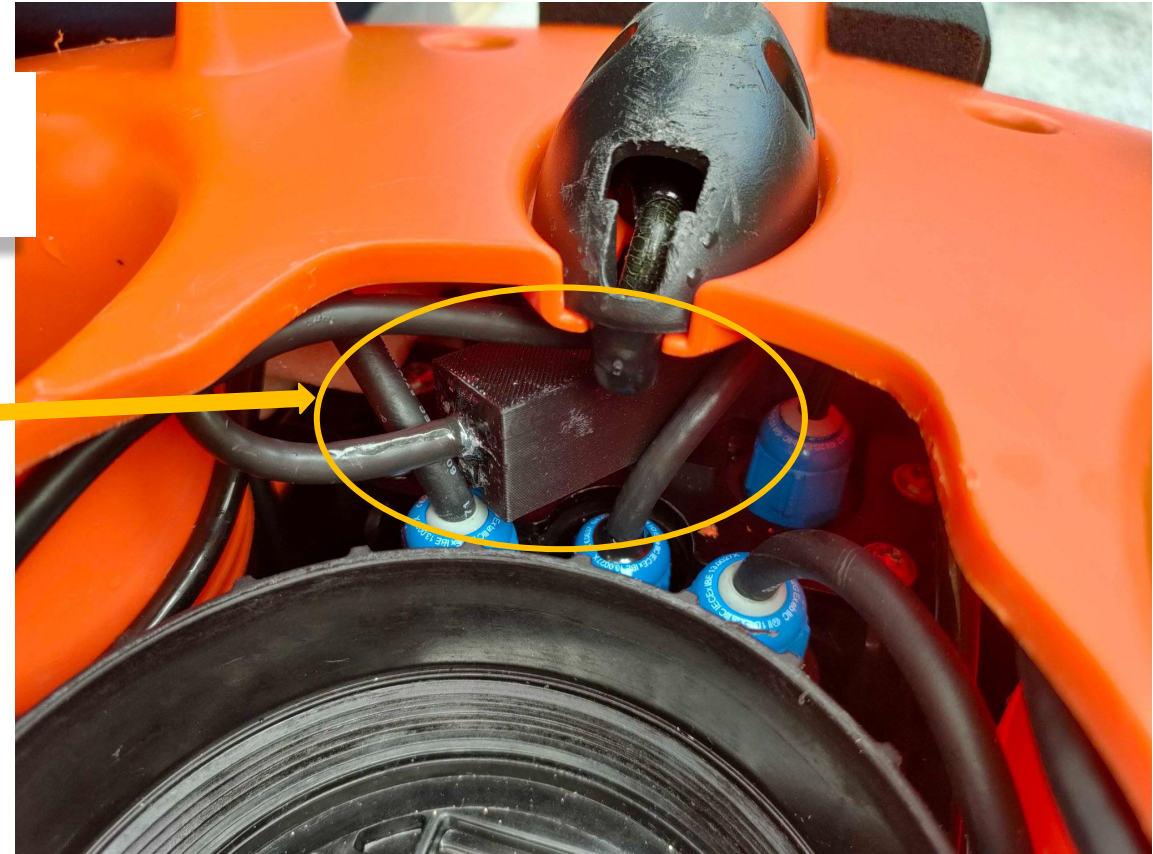
Position the foam around the gripper arm

- Smallest part of the foam must face the front of the drone.
- The open part of the foam should face you when the drone is upside down

Insert the cubic part of the cable inside the drone's hull until it gets close to the battery compartment



The battery must not be connected to the drone during this step



I - GRIPPER INSTALLATION

Installation of the Gripper

Position the ring with the two nuts around the gripper arm

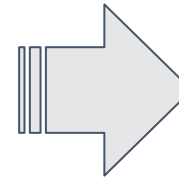
- Unscrew the two silver screw
- Screw the blue screw to maintain the ring around the arm



Place the drone on its feet

Position the foam on the metallic plate on the drone

Slide the ring under the metallic plate and screw the 2 silver screw



I - GRIPPER INSTALLATION

Installation of the Gripper

You can now connect the battery.

Make sure the battery is never connected when you connect or disconnect the gripper connector under the drone.



II - STARTING UP THE DRONE

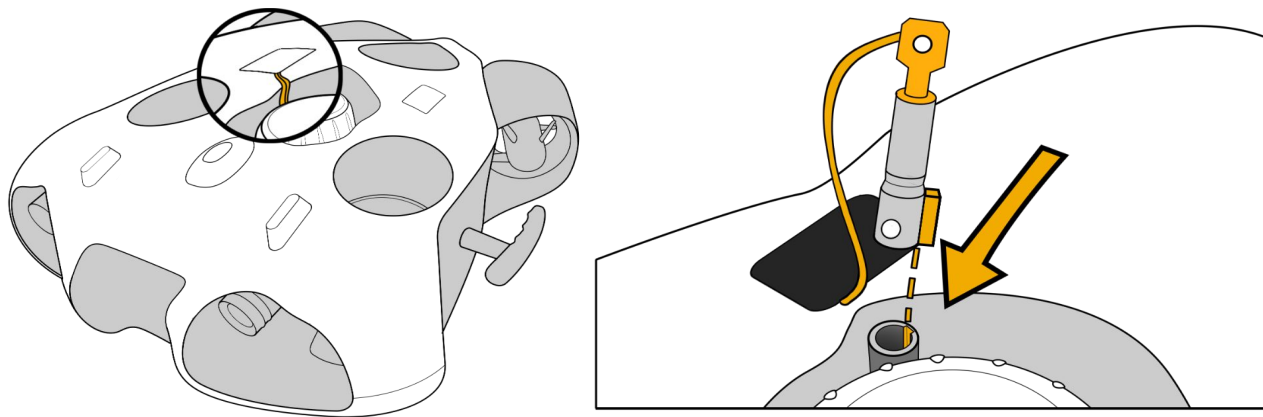


II - STARTING UP THE DRONE

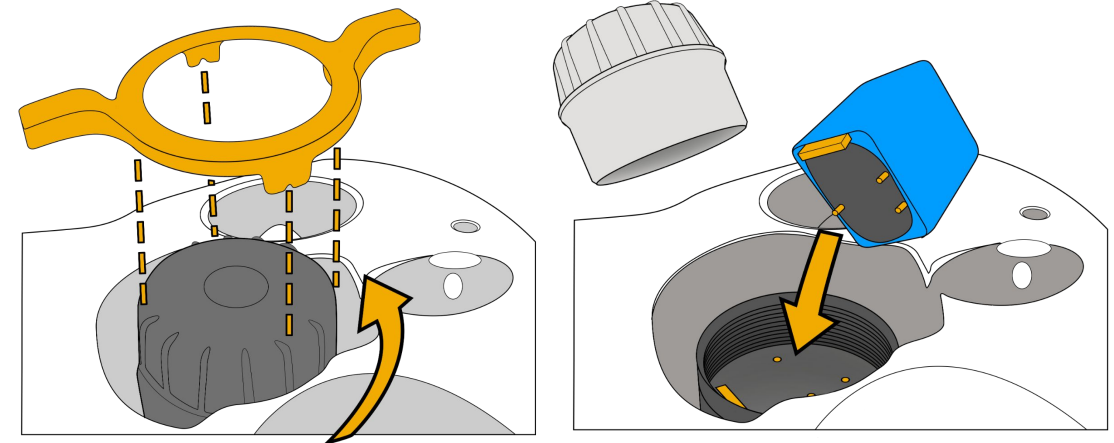
Connecting the battery

Ensure that the emergency stop on the underside of the drone is properly inserted.

Make sure that the safety guide is aligned in the right direction



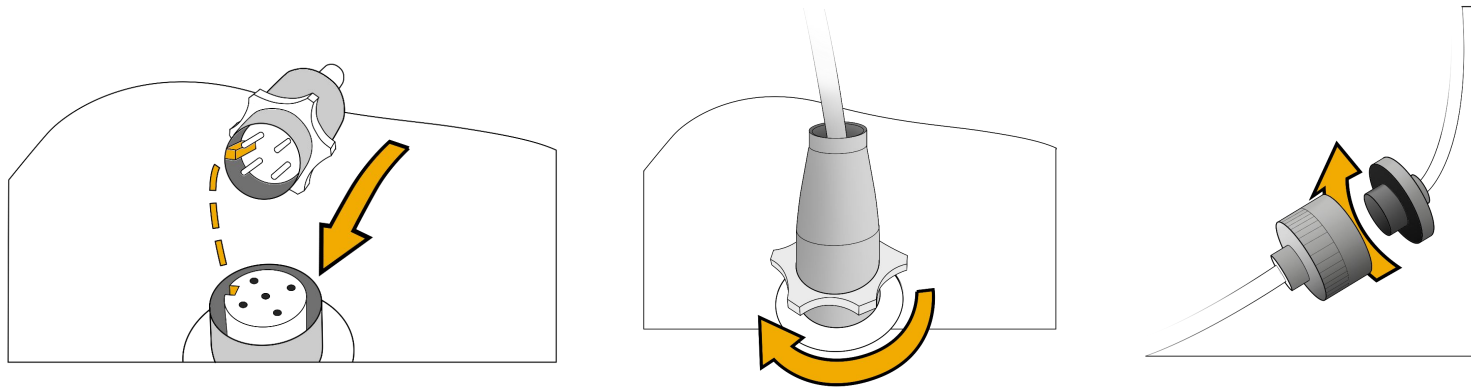
Make sure the battery compartment is properly closed.
Use the dedicated tool.



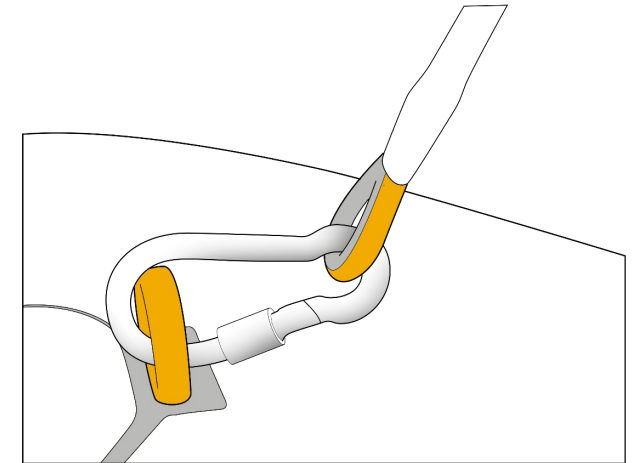
II - STARTING UP THE DRONE

Connecting the WiFi reel to the drone

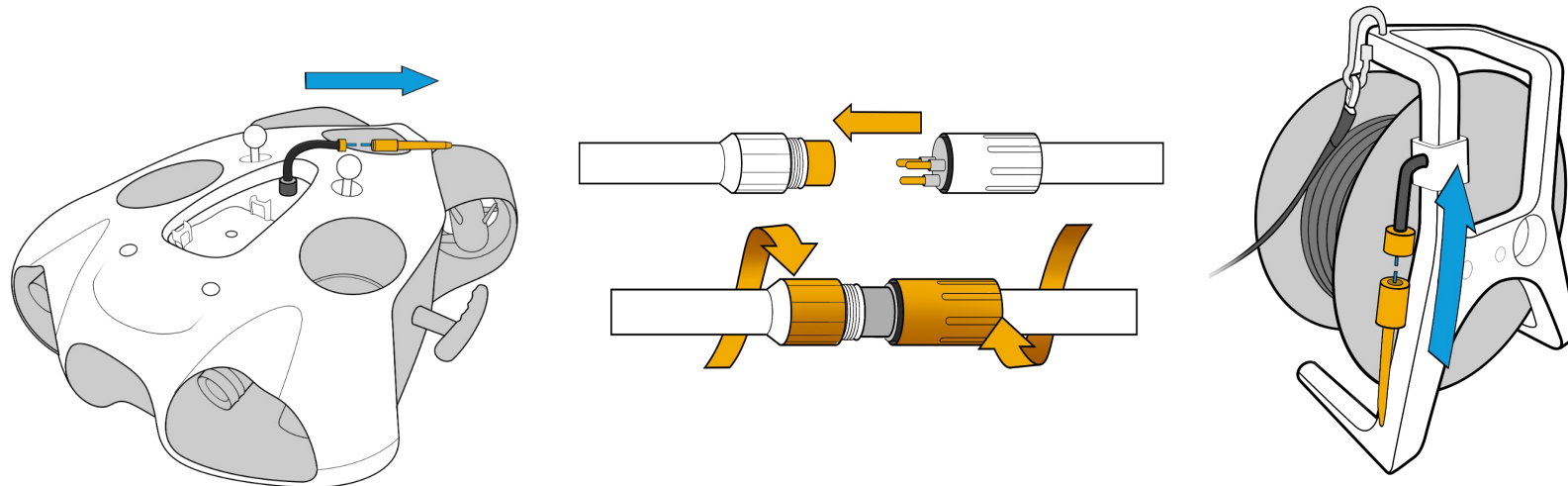
Standard Connector



Attach and lock the carabiner on the drone to secure the Drone

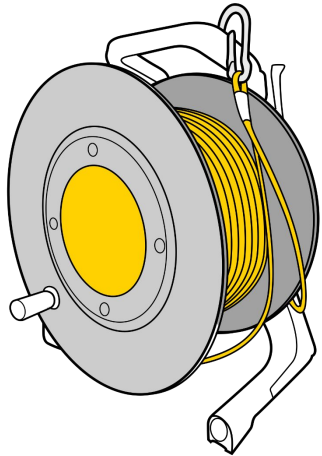


Subconn Connector

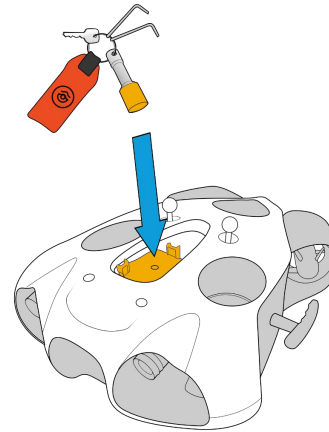


II - STARTING UP THE DRONE

Starting up the equipment



Press the "On" button once. After several seconds the LED flashes quickly blue



Place the magnet on the "Power" icon on top of the drone. The drone will turn on and test all its components. It will make sounds and activate its lights.

Make sure that nothing is in the way and that the motors are not jammed.

When this process is complete, the green front LED will be solid.



Turn on the controller.

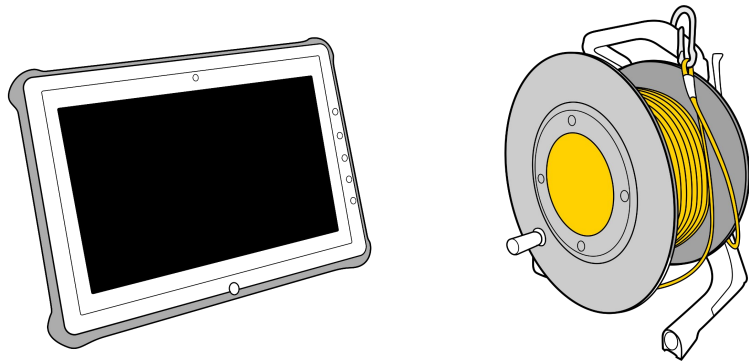
II – STARTING UP THE DRONE

Connecting to the WiFi Reel

Delivery after September 2021

Connect the tablet to the WiFi signal of the WiFi Reel.
The wifi network is: "Seasam-WiFiReel-XXXX".
The password is **@Notilo+**

Continue directly to page 16



II - STARTING UP THE DRONE

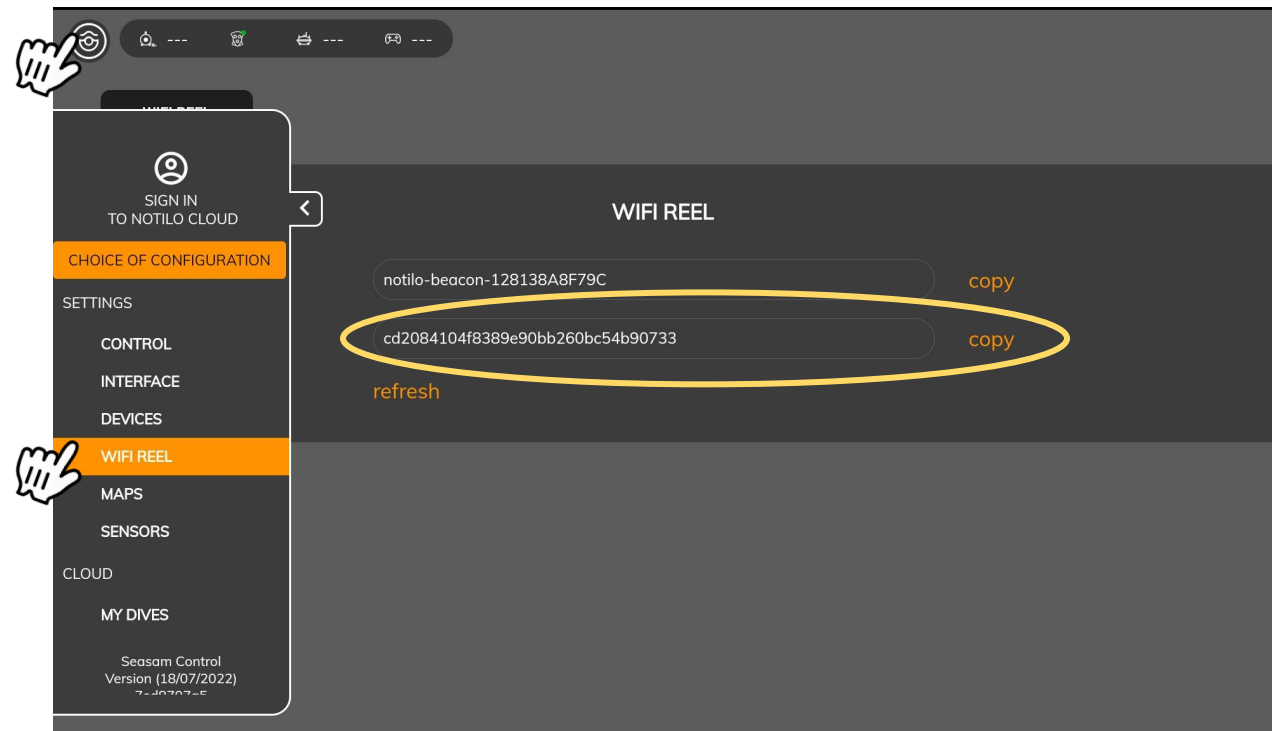
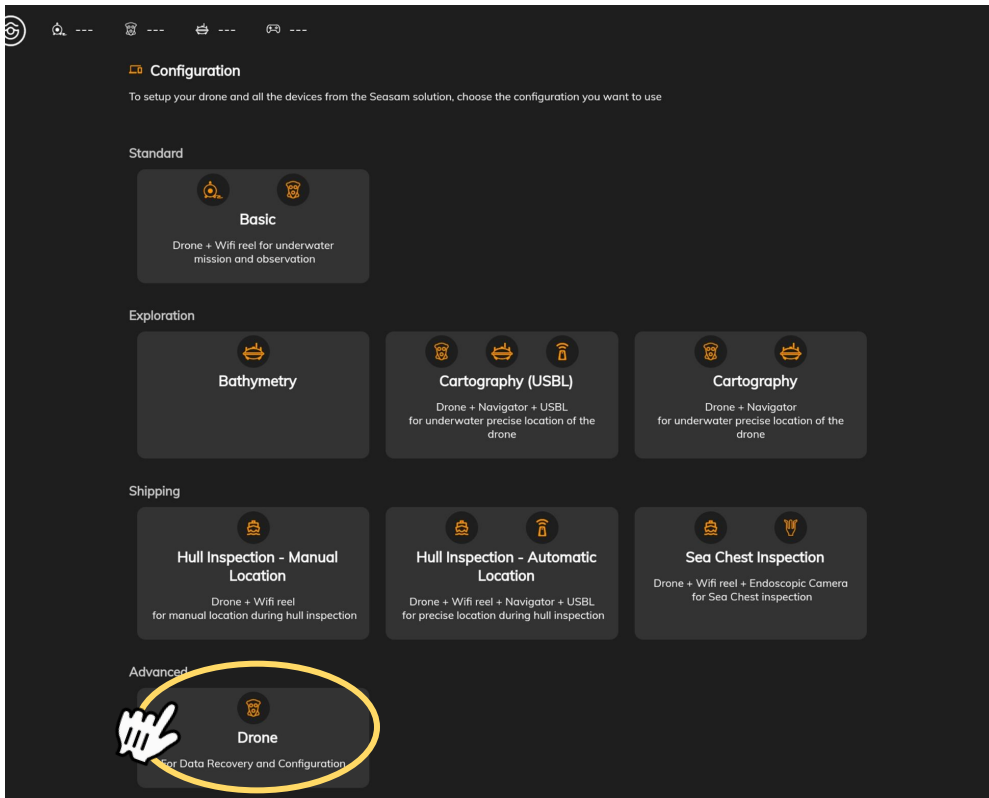
Connecting to the WiFi Reel

Delivery before September 2021

The wifi network is: "notilo-beacon-XXXX"

- Connect the tablet to the WiFi network of the drone "Seasam-XXXX".
- In the configuration part choose "Drone".

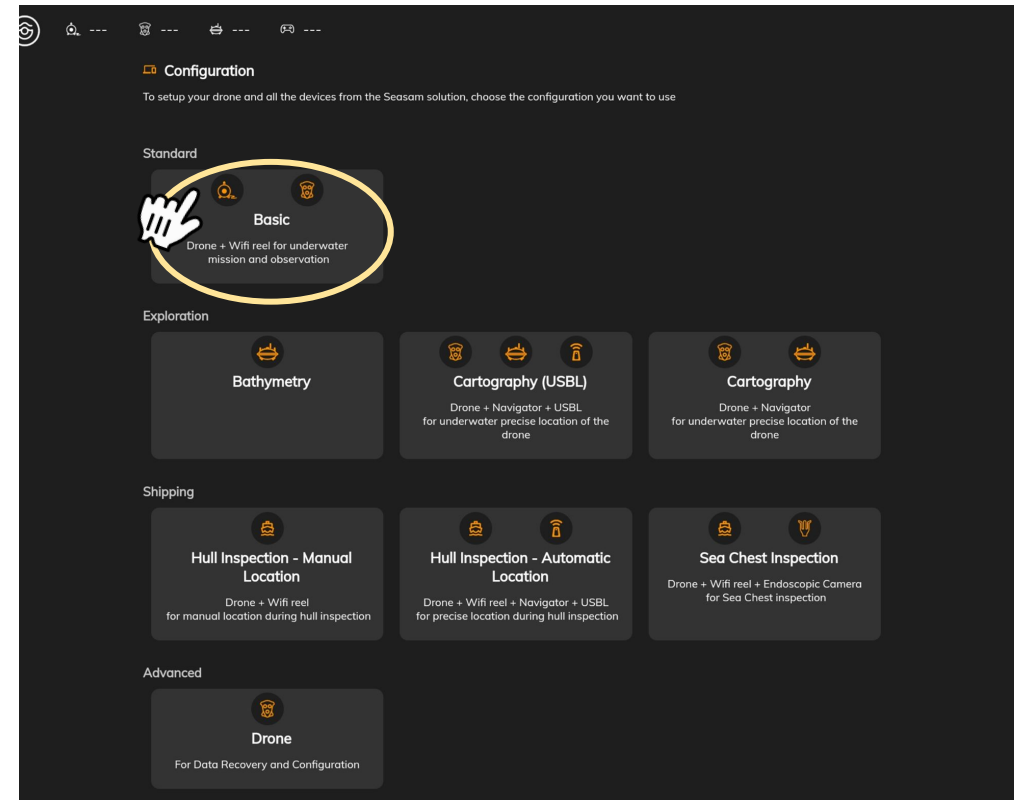
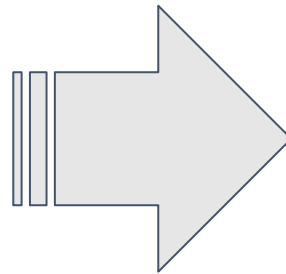
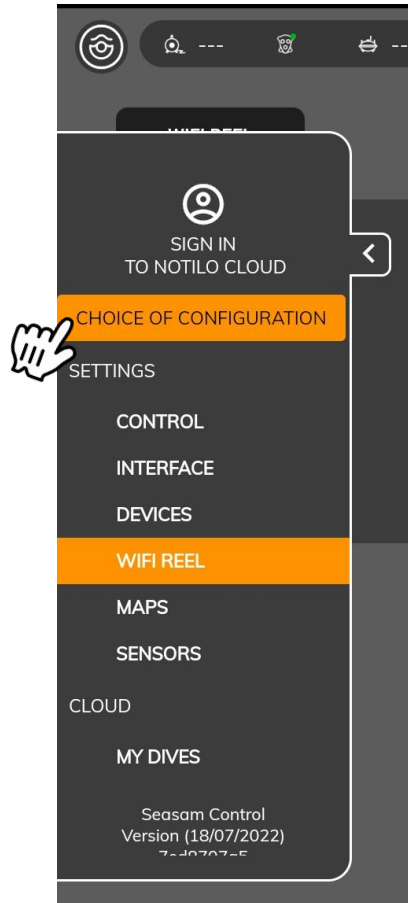
- Go to the application settings
- Select "WiFi Reel".
- The network name and password are displayed
- **Copy the password**
- **Connect the tablet to the notilo-beacon-XXX WiFi network**



II - STARTING UP THE DRONE

Choice of configuration

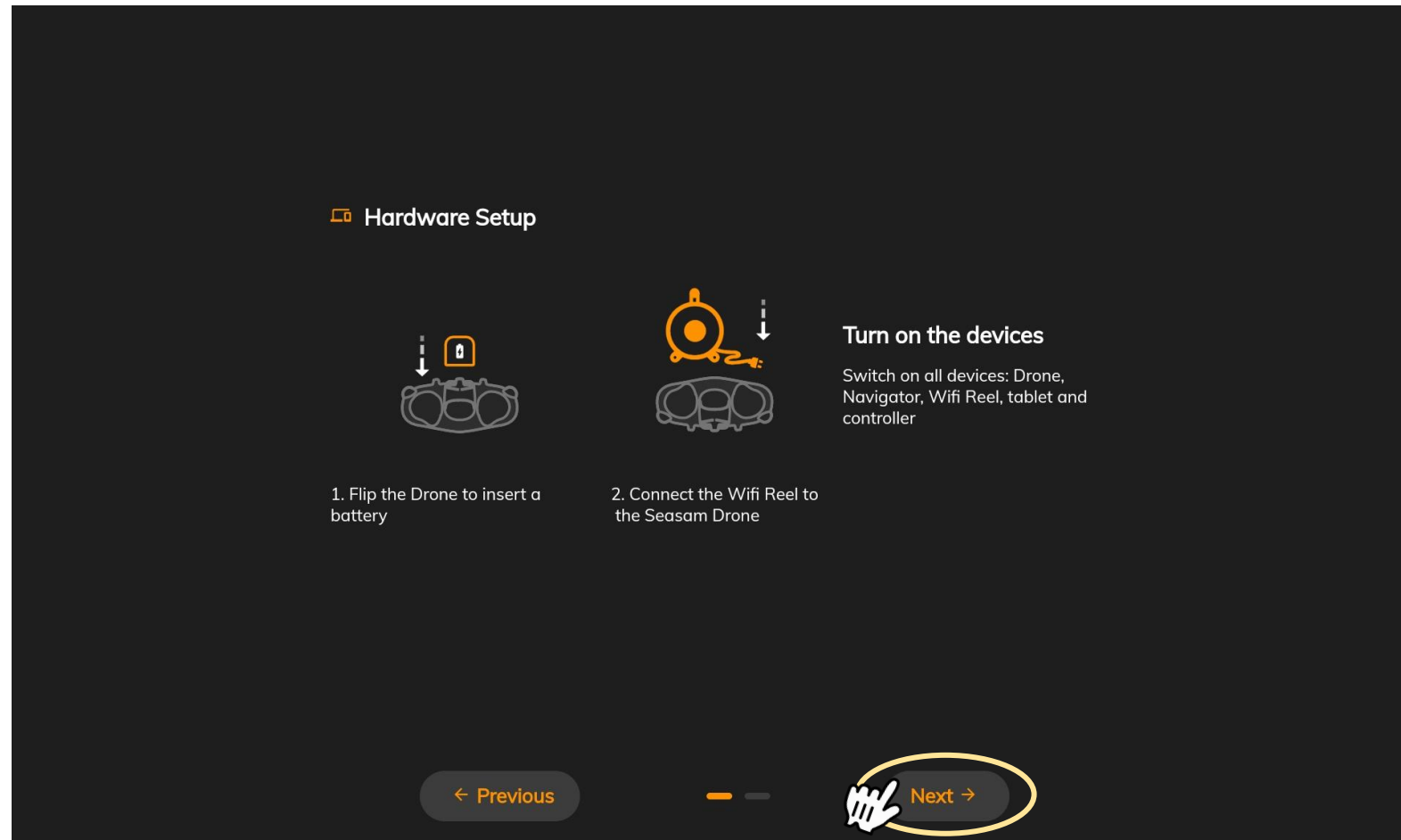
Start Seasam Control or select "Choice of Configuration" if you have already opened the application.
In the configuration menu, select "Basic Configuration".



II - STARTING UP THE DRONE

Checking the connections

Check that the indicated steps have been completed and select "Next".



II - STARTING UP THE DRONE

Checking the connections

This screen checks that all the equipment is connected correctly.
Once both connections are checked, click on "Continue" to access the control screen.

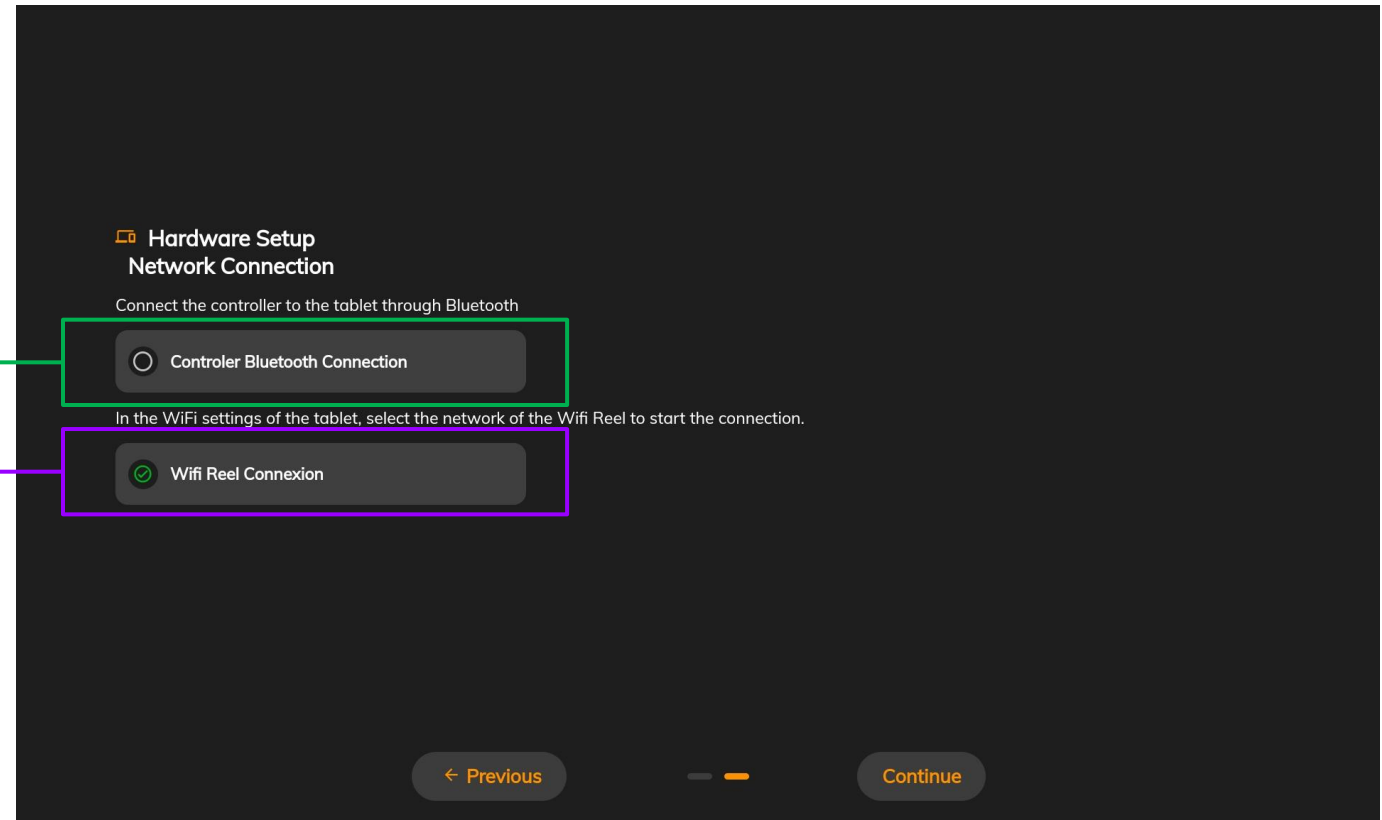
Move a joystick on the controller to have the connection checked.

The system checks that the drone AND the WiFi Reel are **switched on and physically connected together.**

If the green tick takes a long time to appear :

- Wait a few seconds
- Check the physical connections
- Make sure the drone is turned on
- Make sure the tablet is connected to the WiFi reel network
- Go back to the previous page and press "Next" again

If the problem persists contact support@notiloplus.com

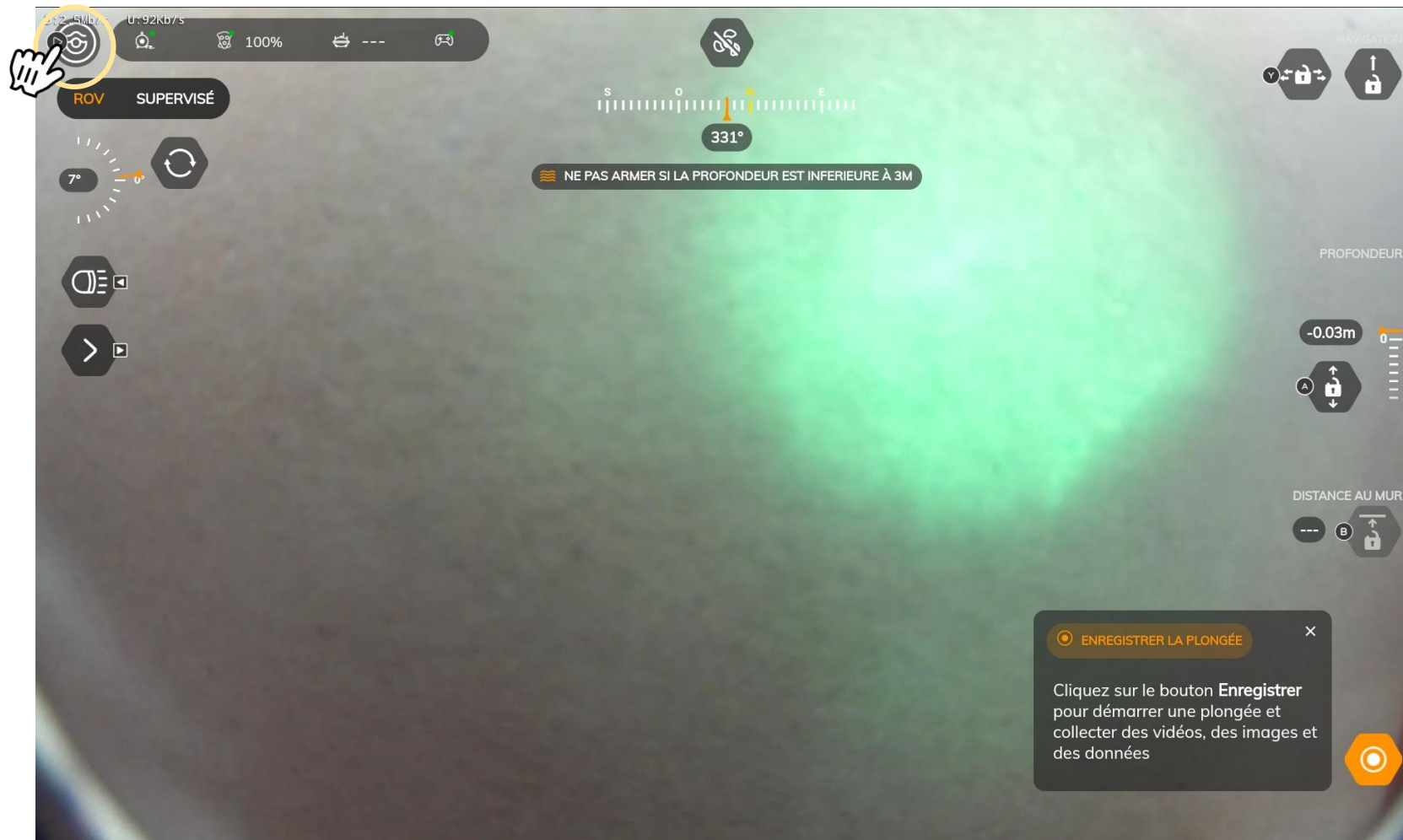


II - STARTING UP THE DRONE

Adding the gripper to the interface

Go in the Settings menu by clicking on the Notilo Plus button

Seasam Control App View

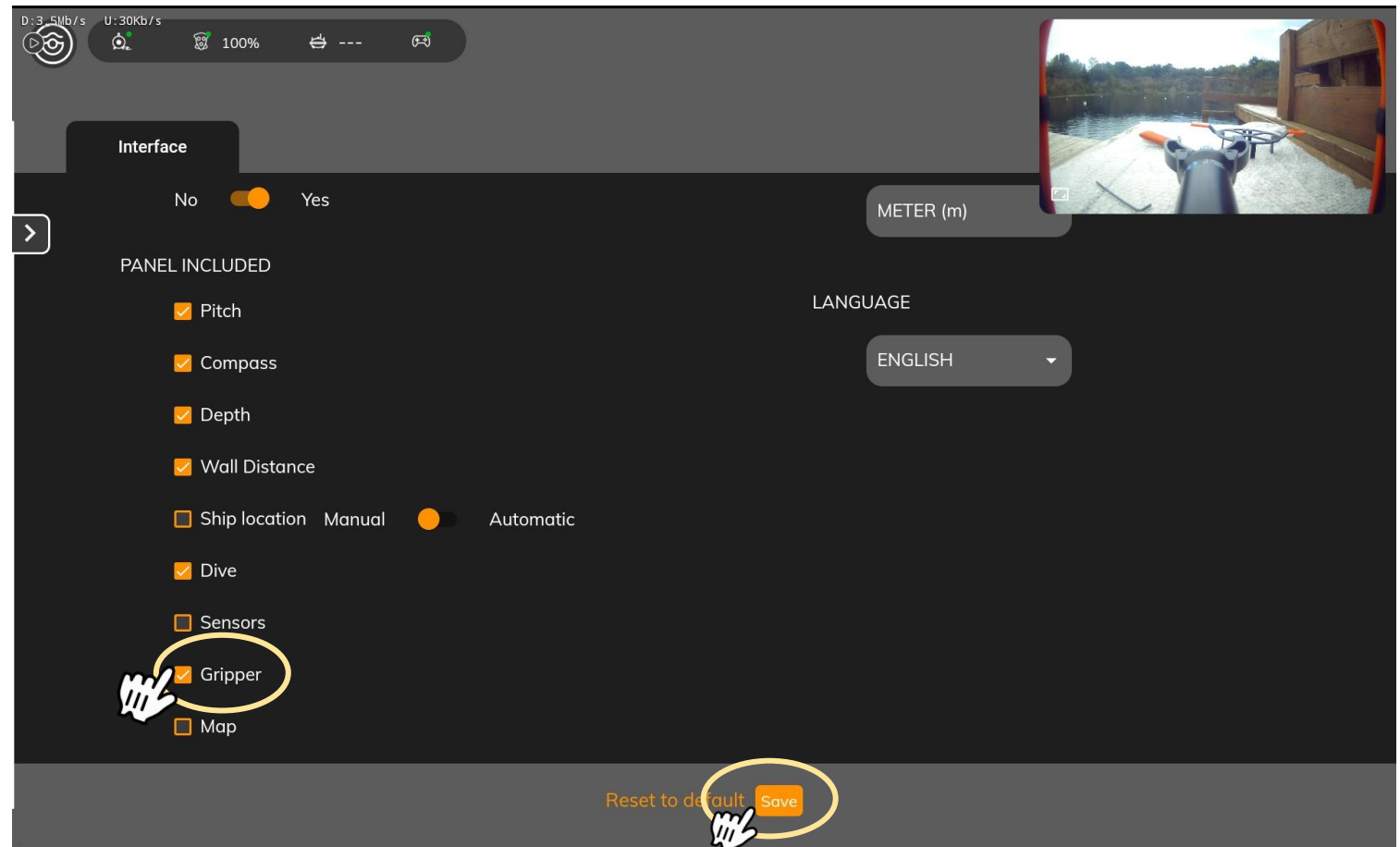
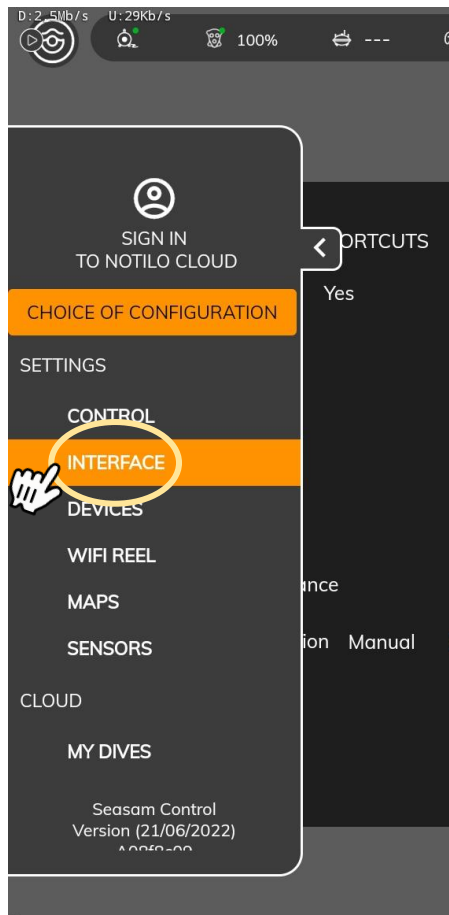


II - STARTING UP THE DRONE

Adding the gripper to the interface

Go to "Interface" tab and check the gripper case. **Then save.**

Seasam Control App View



I - START UP

Adding the gripper to the interface

The gripper button is now displayed on the main screen.

Seasam Control App View



III - USING SEASAM WITH THE GRIPPER

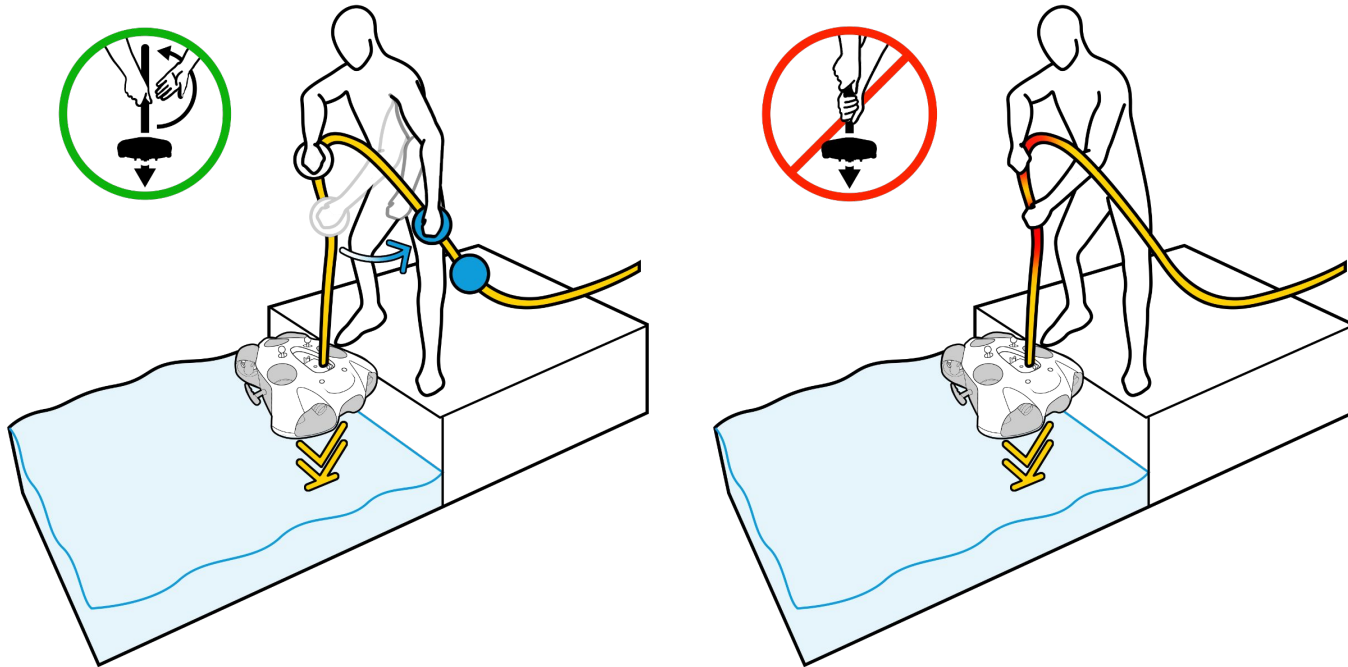


III - USING SEASAM WITH THE GRIPPER

Drone launching

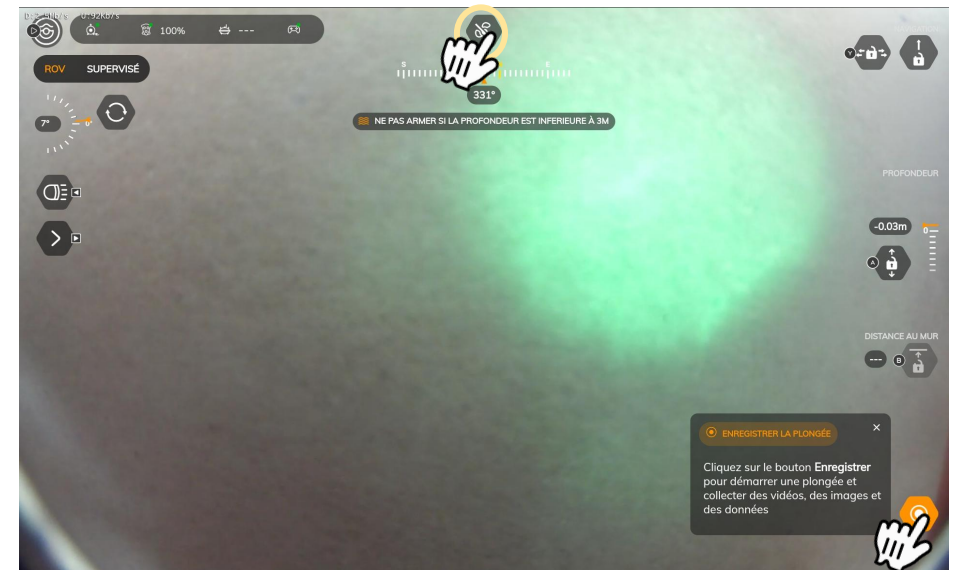
Launch the drone in the water. Hold the drone by the cable and gradually lower it one hand at a time.

Do not let the cable slip in your hands.



Arm the drone by clicking on the "Arm" button at the top of the screen and activate the dive recording

- Please do not arm the drone if any debris is floating on the surface. This could damage the motors.
- When arming, the drone will automatically dive to 50cm.
- Make sure to have at least 2m depth when arming to avoid the drone hitting the seafloor.



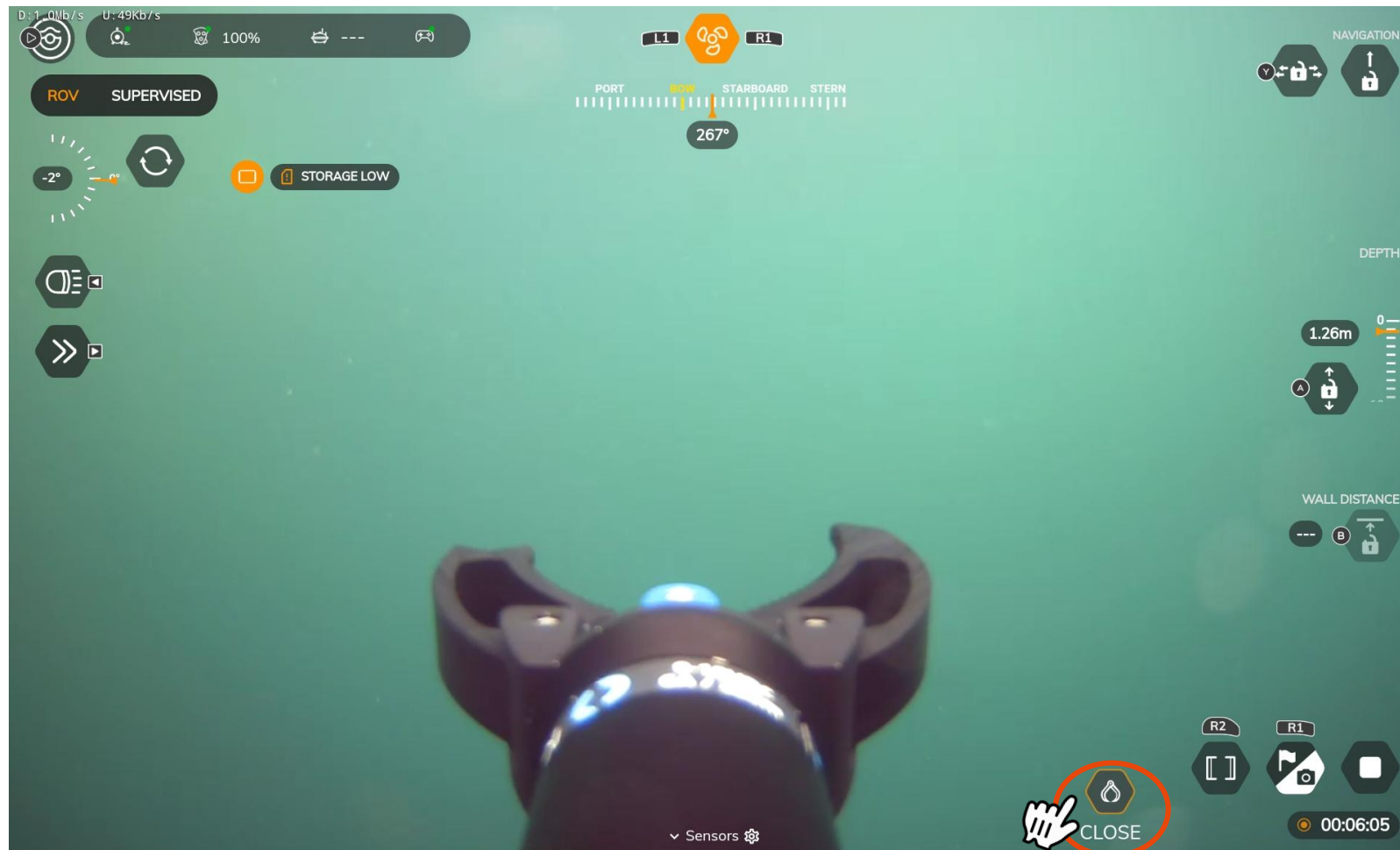
Seasam Control App View

III - USING SEASAM WITH THE GRIPPER

Using the gripper during your dive

Select the gripper button to open or close it.

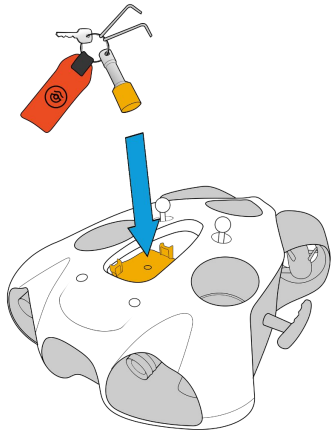
Seasam Control App View



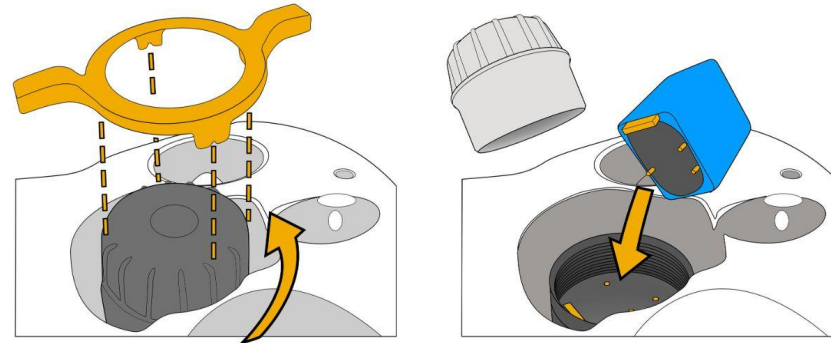
III - USING SEASAM WITH THE GRIPPER

At the end of the exploration

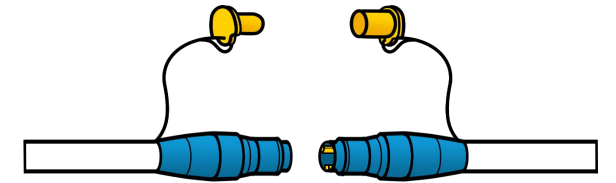
Turn off the drone



Remove the battery



Disconnect the Gripper from the remote cable of your drone



! Always switch off the drone and remove the battery **BEFORE** disconnecting the gripper and the remote cable

SEASAM

by  notilo plus

More information : <https://support.seasam.notiloplus.com/>

Contact us : support@notiloplus.com