

Nàutic



User manual

Please read this manual carefully in its entirety
before using Nàutic.



PROTEUS

INNOVATION

INTRODUCTION

Congratulations on your new Nàutic!

NÀUTIC is an innovative lifeboat that allows you to move through the water in a silent and ecological way without producing emissions. It has been designed with special attention to hydrodynamics, ergonomics in handling and remote control. NÀUTIC is a high-performance product with advanced technology that can be used as a USV (Unmanned Surface Vehicle) or as a manned vehicle.

NÀUTIC, due to its use in rescue and salvage tasks, requires operators to take specific precautions during its start-up, maintenance and handling.

READ THIS MANUAL CAREFULLY BEFORE USE.

The following symbols will be used throughout the manual to indicate alerts and dangers.



Caution! Danger of harm or death. This symbol indicates that operating the NÀUTIC in an erroneous manner may entail a risk of damage and even death to the pilot and/or other people.



Not following this information may cause damage or render the NÀUTIC useless.

Note: The Notes provide important information that can help to understand how the NÀUTIC is operated.

PROTEUS INNOVATION reserves the right to change or modify the product features specified in this Operations Manual at any time without prior notice due to continuous product development, optimization, and improvements in design and features that it carries out. The features and functions described and illustrated in this Operation Manual may differ from the actual features and functions of the product.

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 **Please read the following important information! Not doing so can cause death, serious injury or property damage.**

1. Safety information

NÀUTIC is a device with the ability to be manned or piloted by remote control, capable of coming to the rescue of 1 and even 2 people at sea. It can be used on beaches, ports and as a means of rescue on ships and offshore platforms. It can also be thrown into the water from a helicopter in air rescues. The product meets current standards and is safe to handle. However, using this product in a wrong way or in breach of the safety information described herein may endanger the operator and/or other persons in danger of injury or even death. In addition, the NÀUTIC and/or other properties of the operator or of other people may be damaged or destroyed due to misuse of the product.

For this reason, we urge you to read the Operations Manual and the safety information contained in the manual carefully before operating the NÀUTIC for the first time. The information contained in the Operations Manual will help you handle the NÀUTIC safely, protecting you and others from dangers and threats, avoiding damage to the product and property of third parties.

Keep this Operations Manual in a safe and easily accessible place for reference use whenever necessary. Please do not throw away the packaging, it can be used later to provide protection for the device (for example in cases of sending it to a technical service).



**ATTENTION
DON'T LET THE
BATTERY DISCHARGE BY
COMPLETE!**

Charge the NÀUTIC unit:

- Immediately after delivery
 - After each use
- Constantly during, longer periods of storage.
At least once every 7 days.

The load should be the minimum load value for "Air transport/storage", avoiding thus the complete and irreparable discharge of the precious lithium-ion battery of high capacity.

1.1 Special safety information

Special security information about NÀUTIC



- Important! Read the Operations Manual!
- This product can only be operated by users over 16 years of age!
- Do not use as a swimming aid!
- Wear it with clothing close to the body (without fringes or straps)!
- Do not put your fingers in the ducts of the impeller! There are parts that rotate!
- Check battery charge to return to land/ship on time!
- Do not store in direct sunlight or in hot places!

Special information about batteries



- Do not heat above 60 °C!
- Do not store in direct sunlight or in hot places!
- Do not short circuit!
- Do not open!
- Do not poke!
- Don't hit!
- Do not burn!
- Only use chargers provided by the NÀUTIC manufacturer!
- Only charge in dry places! Do not open the battery cover in the water!
- Do not transport fully charged batteries by plane or long distances!
- Follow the instructions for loading, unloading, storage and transportation!
- If the instructions are ignored, the batteries can produce gases and flames, causing serious damage!

Special information about the charger



- Important! Follow the Operations Manual!
- Do not expose directly to sunlight! Do not open!
- Use only with clean and dry sockets!
- Never use if the cables or plugs are damaged!
- Only charge in dry, cool and well-ventilated places!
- Do not cover! Ensure good air circulation!
- The charger gets hot with use, wait for it to cool down before handling it!



General security information concerning the user

- Only advanced swimmers over the age of 16 can use NÀUTIC.
- Like any motor vehicle, people operating the device must do so responsibly and with due caution.
- The use of NÀUTIC by people with pacemakers is not allowed. The strong magnetic fields created by the motor and electrical cables can cause significant damage to pacemakers and even death.
- The handling of NÀUTIC by pregnant women is not allowed. During handling, the appliance may press against the abdomen and/or the jet of water coming out of the appliance may press on the abdomen, causing injury.
- Never ride NÀUTIC under the influence of alcohol, medication or drugs. The people controlling NÀUTIC must be able to react quickly. Alcohol, some medicines and drugs can considerably reduce a person's reflexes.
- The appliance is equipped with protection grids, however it is technically impossible to prevent the entry of objects, especially pieces of clothing, threads or long hair, into the channel of the impellers and to prevent them from becoming entangled around the shaft due to the great suction force of the the thrusters. If this occurs there is a risk of damage.
- The impacts of water against your body can be exhausting but will also lower your body temperature. We recommend the use of a neoprene suit that provides protection.



General security information concerning NÀUTIC

- Never insert anything into the channels of the impellers while they are rotating. Keep an eye on people (especially children) near NÀUTIC to make sure they do not try to insert anything into the propulsion channel.
- Confirm that the propulsion channel cover is not damaged and that it is correctly and firmly attached to the NÀUTIC body. Never remove the protection grids. Caution! The propellant can cause damage.
- Make sure that no foreign objects, sand, dirt, strings, or dirt get into the propulsion channel. Never remove foreign objects from the channel while the device is in the water. Danger of damage!



- Never open or disassemble any NÀUTIC component or manhole cover.
- Never insert objects into the channel. It can cause damage.
- Never leave the NÀUTIC unattended to prevent children or other inexperienced people from using it. Turn off the appliance after use.
- NÀUTIC is a heavy product, make sure that it does not fall on you or other people in the water and on land. If this occurs there is a risk of damage.
- Always keep the NÀUTIC in the shade. It is important to remember that batteries and charger naturally heat up when exposed to the sun. Attention! Touching hot surfaces can cause burns. If batteries are exposed to heat they can produce gases and flames causing serious damage.
- Securely moor the NÀUTIC if you decide to leave it in the water for a very short period. Make sure it cannot get loose, it can cause damage to other people or objects in its path if it gets loose.
- Never loosen or remove battery caps. Always take precautions to prevent the transmission of current between the batteries and the water. If this happens there may be a short circuit that can irreparably damage the electronic system. Water can damage batteries by producing gases and flames that can cause damage.
- Before charging the NÀUTIC, make sure that both the mains plug and the charger plug are clean, dry and undamaged. Wet or dirty connections can cause short circuits. If this happens, it can cause irreparable damage to the device and even fire.
- Make sure the joystick works correctly. When you release them the device should turn off immediately. The joystick must be able to move freely in all positions and return to the neutral position when released. A damaged or bent joystick must be replaced or repaired immediately. If the joystick does not work correctly, turn off the NÀUTIC with the corresponding button immediately.
- Clean the appliance with a hose. Never use a high pressure system.
- Never open the NÀUTIC yourself, repairs and maintenance of the appliance that go beyond the procedures described in chapter 7 "Care and maintenance" can only be carried out by an authorized technician. Any manipulation of the device may be harmful to people or the device.

- Do not alter or modify the NÀUTIC, batteries or charger. Doing so can cause serious damage or even death.
- If you detect any damage to the device, especially to the batteries, charging plug, casing or joints between the batteries and the NÀUTIC, stop using the device immediately and contact the technical service.



General safety information concerning handling

- NÀUTIC operators do not have any special right to use the device. They must act responsibly and prudently, taking all necessary precautions.
- Grip the joystick securely. Acceleration can be quite rough especially at start.
- To brake, simply release the joystick and it will just return to the center position, immediately bringing the device to a stop. Please note that it may take 2-3 meters to come to a complete stop if you are traveling at full speed. You can reduce the distance it takes you to come to a complete stop by turning the NÀUTIC sharply to the side and righting yourself without letting go of the boat. This helps you maintain control of the NÀUTIC and greatly increases water resistance, so you can come to a complete stop as quickly as possible.
- If the NÀUTIC is released while traveling at full speed, the boat can continue to move up to approx. 3m. When this occurs, there is a risk of people being hurt and foreign objects being damaged. The NÀUTIC can also be damaged.
- Always avoid areas where boats pass. NÀUTIC's body is made of plastic and for physical reasons it is not capable of reflecting radar waves properly. Be aware of the speed with which the other vessels are approaching. Pay attention to what is happening in the distance, preventing collisions.
- Do not operate the appliance in places where the water is less than 1m deep. Doing so may cause injury to you or NÀUTIC due to hitting underwater objects. Stay away from the shore and do not attempt to navigate the device onto sand or dirt of any kind. Be careful with rocky bottoms, reefs and rocks.
- NÀUTIC's handling time is limited. Always keep an eye on the led panel that shows the remaining running time and return to land or escort ship on time.



- When the battery is discharged below 5% of its state of charge, the maximum power is automatically reduced incrementally (80%, 70%, 60%, etc.) to prolong battery life.
- In most cases, the user's general civil liability insurance does not cover material damage caused by the use of NÀUTIC. Before using NÀUTIC, we recommend that you contact your insurance provider for information on a suitable insurance policy to cover damages.



General safety instructions for transport

- Ground Transportation (ADR): Built-in rechargeable batteries correspond to paragraph 2.2.9.1.7 of ADR.
- Shipping by sea (IMDG code): Built-in rechargeable batteries correspond to paragraph 2.9.4 of the IMDG code.
- Air transport (IATA DGR): Built-in rechargeable batteries correspond to IATA DGR subsection 3.9.2.6.



General safety information concerning batteries

- Never expose the NÀUTIC unit to high temperatures (max: 60 °C/140 °F), such as those caused by campfires or direct sunlight, nor store it locked in a motor vehicle or trunk.
- In case of exposure to heat, flammable gases may be discharged and cause serious injury or death.
- Never transport the fully loaded NÀUTIC unit by plane or over long distances. The NÀUTIC unit must only be partially charged during transport (charge status "Air transport/storage"). If the instructions are not followed, flammable gases can be released and cause serious injury or death!





- For use under normal conditions, the chemicals contained in each high-capacity lithium-ion battery are encased in a sealed case, to store the unit safely in any position. In addition, the individual cells are contained in the batteries' hermetic aluminum profile, which helps dissipate heat. Due to this protection, there is only a risk of flammable gases being released if the battery cells have been subjected to excessive mechanical stress or heat.
- When charging the NÀUTIC unit, always follow the instructions detailed in this Operation Manual (see chapter 4.4 “Charging mode”).
- Use only chargers provided by PROTEUS INNOVATION S.L. and manufactured for each specific NÀUTIC model. Chargers provided by other manufacturers are not equipped with the special micro-processor-controlled charge management system for the protection of high-capacity lithium-ion batteries. When charging batteries with other chargers, flammable gases may be released and cause serious injury. Also, the use of other chargers will void the warranty.
- Beware of strong electrical currents generated during charging. Never use the charger if the outlet is damaged or does not have a sufficient current rating (the outlet must be approved for use with currents of at least 10A). This can cause the cord to catch fire and cause electrical shock, causing serious injury or death.
- Check that there are no dried salt deposits on the contacts of the connection port or the connector (see chapter 7 “Care and maintenance”). Salt deposits can inhibit the flow of electricity during charging and cause overheating of the electrical contacts, causing irreparable damage to the contacts and even fire affecting the contacts or the cable.

2. Appropriate use

NÀUTIC is a boat for water sports powered by an electric propeller and a professional rescue boat. It is equipped with navigation lights and is designed to carry up to three (3) people [one (1) pilot and two (2) rescuers or (3) rescuers]. The boat is designed for use in water that is at least 1m deep. The NÀUTIC is highly resistant to seawater and suitable for use in both fresh and salt water. The device is made only of materials that do not rust and are highly resistant to corrosion. The following rules apply to the operation of the NÀUTIC:

- The operator of the device must be over 16 years of age and, if piloting it, a good swimmer. People who do not know how to swim cannot pilot NÀUTIC
- Children under 16 years of age can only use NÀUTIC under the supervision of an adult.
- NÀUTIC has not been designed as a swimming aid. Users could lose the device in the water. NÀUTIC is not a substitute for a life jacket. For this reason you should equip yourself with one when trading.
- NÀUTIC has a maximum power delivery of 2.5kW. The law in some countries does not require registration or permits to pilot vessels of this type. However, in some countries there may be different regulations, age limits or operating restrictions. Before piloting the aircraft, always ask about the local regulations in the area in which you wish to operate. The manufacturer assumes no responsibility for obtaining this information.
- Do not use NÀUTIC in areas with bathers and divers. Except in case of professional rescue use.
- Generally, NÀUTIC can be used in areas where boats with combustion engines are not allowed. The use of NÀUTIC is not allowed in areas where electric propulsion boats are not allowed by local laws, community rules, and natural conservation laws. You are urged to inform yourself of local laws and regulations. For more information you should consult the corresponding local offices.
- Take your time to learn how to handle NÀUTIC correctly. Only attempt difficult maneuvers such as high-speed driving or rescue approaches after you have achieved a high level of basic maneuvers such as braking/stopping in water, direction changes, and weight changes. Limit your speed to always stay in control of the appliance at all times. Use NÀUTIC responsibly and considerate of people, animals, plants and the environment.
- Always use NÀUTIC with a known person within a range of visibility and who is attentive while you operate the device. Get a companion vessel if you want to operate far from shore. Doing this ensures that there is always someone nearby who can support you in an emergency.

- Stay away from aquatic plants and floating objects such as pieces of rope, plastic, or wood to prevent the motor impellers from being sucked in and damaged. Avoid getting too close to shore, rocky bottoms, and reefs.
- Do not operate the NÀUTIC in water less than 1m deep to prevent sand or stones from entering the propulsion channels, damaging the device.
- Allow only people over 16 years of age who have been correctly identified and after having given them all the instructions to drive NÀUTIC.
- Never run the engine out of the water for more than 10 seconds. The joints and mechanisms of the propellers are designed to work exclusively in the water. Operating it out of water can cause overheating, causing irreparable damage to the device.
- When charging the batteries, follow the steps in chapter 5.2 “Battery charging”

3. What does Nàutic include?

This must be the content of the box that comes with NÀUTIC:

- A NÀUTIC marine rescue drone from PROTEUS INNOVATION S.L.
- A pair of batteries installed in the appliance.
- A battery charger to charge the device.
- A pre-assembled restraint harness.
- A remote control with two antennas.
- Operations manual.

Please ensure that all components have been included in your delivery. Batteries are delivered partially charged. To avoid fully discharging the batteries, you should charge them immediately upon receipt. Use only the original NÀUTIC charger.

Charge the batteries after each use and during long periods of storage to at least the “transport charge” level to avoid total battery discharge which can be irreparable in Lithium Ion batteries. Be sure to read the battery information in the operating manual.

4. Device description

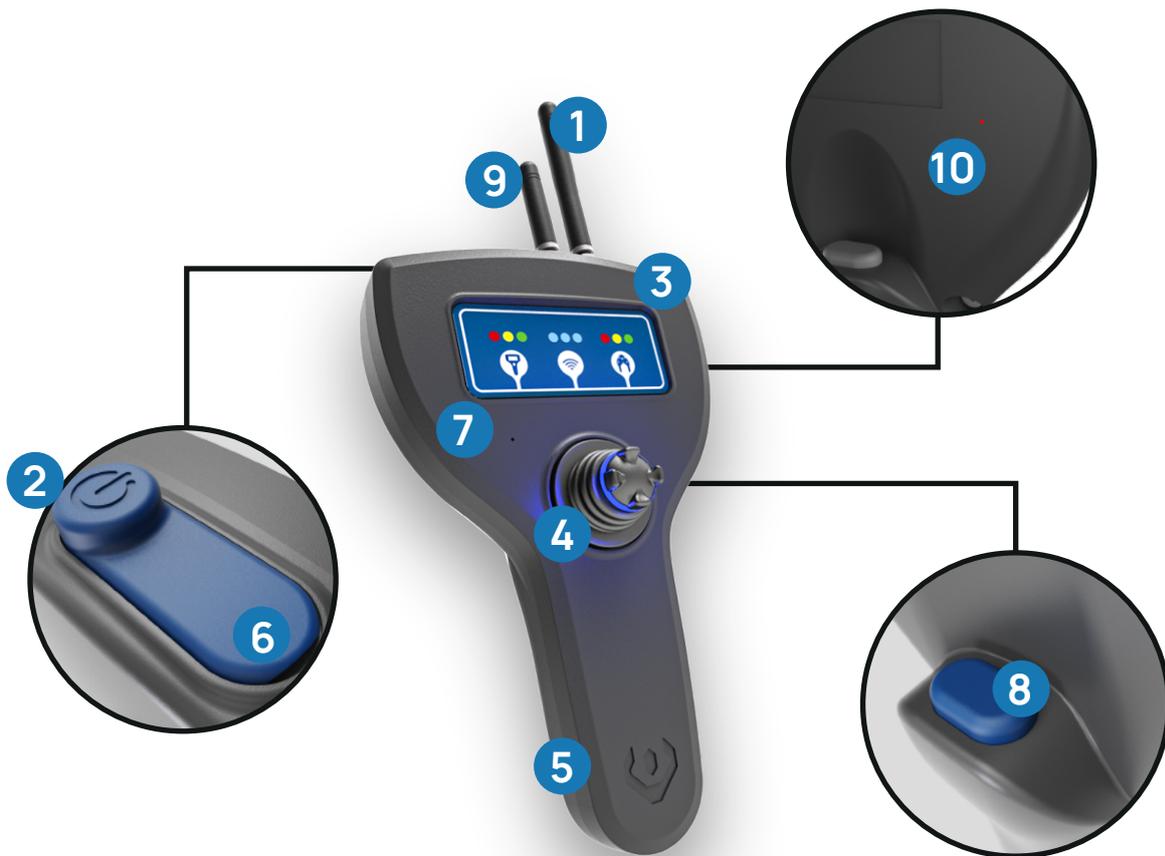
4.1. Description of NAUTIC



- ① Universal thread
- ② Charging port
- ③ Joystick
- ④ LED panel
- ⑤ Bumper
- ⑥ Detection LEDs

- ⑦ Harness
- ⑧ Battery
- ⑨ Capes
- ⑩ Propeller
- ⑪ Speaker
- ⑫ Handles

4.2. Description of the NÀUTIC radio control



- | | |
|--------------------------|-----------------------------------|
| 1 Control antenna (long) | 6 USB-C charging port |
| 2 On/Off button | 7 Microphone |
| 3 LED panel | 8 Microphone button |
| 4 Joystick | 9 Audio antenna (short) |
| 5 Battery | 10 RC controller charge indicator |

Note: It is possible that in low battery levels of the controller, the audio may not work correctly.

 **IMPORTANT!** The NÀUTIC remote control is not waterproof, so avoid getting it wet or splashed. If it gets wet and damaged, it could void the warranty

 **IMPORTANT!** Place the antennas as indicated in the diagram. With the radio control in the same position as seen in the image above, the longer antenna (control) is installed in the thread on the right and the shorter antenna (audio) in the thread on the left.

4.3. Operation of the marine dron rescue Nautic

4.3.1 On, off and communication with the radio control

To connect NÀUTIC with your remote, follow steps 1 and 2.

1

Turn on NAUTIC

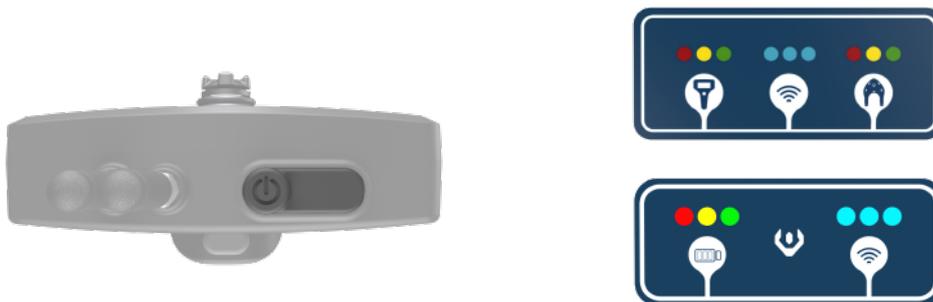
Press the joystick button for 3 seconds until you hear a beep. The battery indicator leds on the NÀUTIC screen will light up automatically.



2

Turn on and connect the radio control.

Press the on/off button on the remote to turn it on. Next is the blue leds on the remote control screen and NÀUTIC will light up.



3

Turn off NÀUTIC and radio control

- Turn off the controller, press the on/off switch again.
- To turn off the NÀUTIC, press the joystick button again for 3 seconds until a beep is heard and the lights turn off

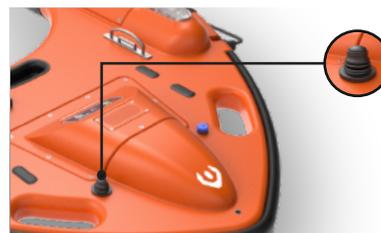
Note: Turn on the Nautic and the radio control, always with the joystick in its neutral position.

4.3.2 Operating modes

NÀUTIC has two piloting or operating modes. One "radio control" to rescue active victims, without putting the life of the rescuer at risk, and another "propellant" to save passive or very serious victims.

Thruster mode.

To navigate with NÀUTIC in thruster mode, lie forward, hold on tight and move the joystick in the desired direction.



Example:



Passive victim floating in the water.



Rescuer coming to the rescue of the victim with the NÀUTIC in thruster mode.



Rescuer placing the safety harness on a passive victim.



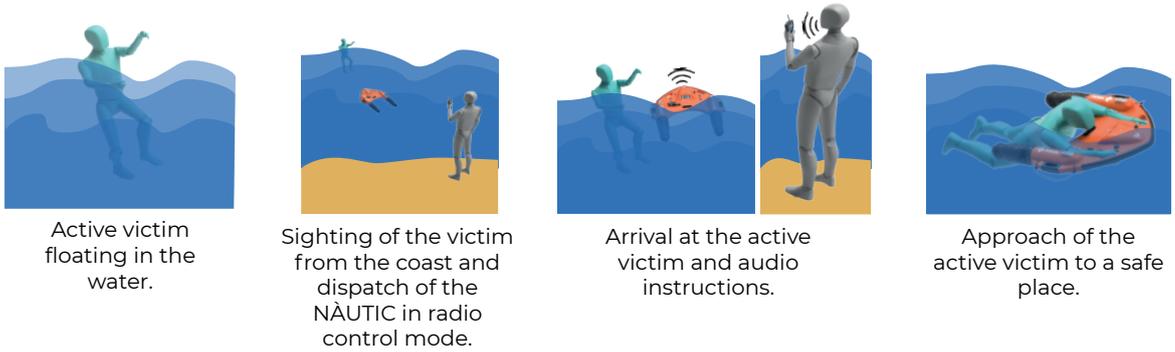
Rescuer transporting a passive victim to a safe place.

Radio control mode.

To navigate with NÀUTIC by radio control, all you have to do is turn on the remote control, so that it will only connect to your NÀUTIC, and move the remote control joystick to direct it towards the desired destination.



Example:



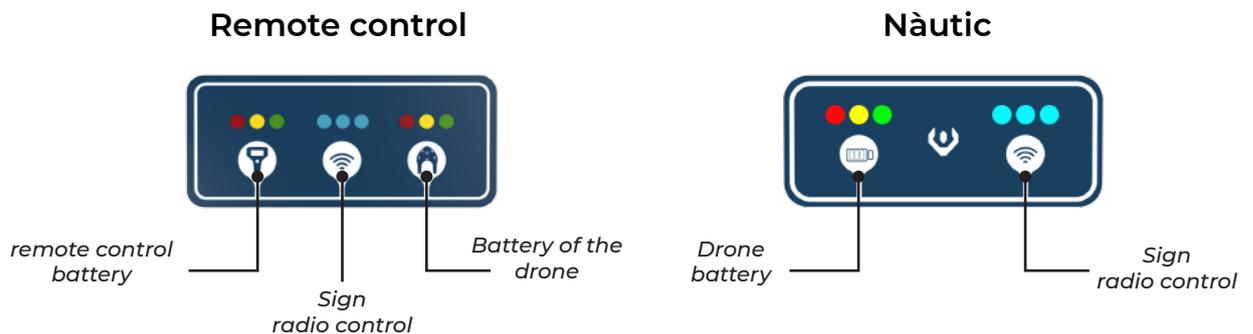
Note: Over long distances, the information displayed by the remote may radio control on the NÀUTIC device is not accurate.

Note: NEVER launch the NÀUTIC from a height greater than 1 m.

Note: If you perceive that NÀUTIC is working incorrectly, avoid its use.

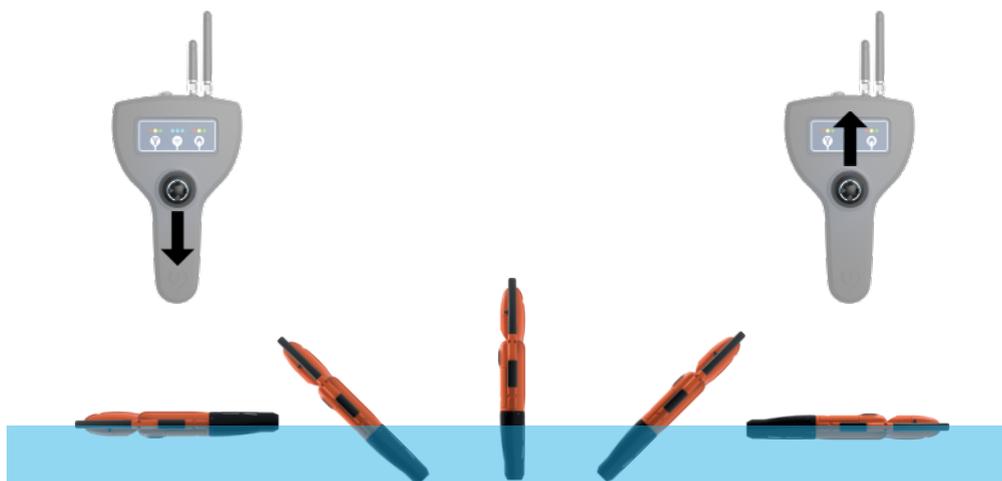
 Always monitor the state of charge of the battery. Take into account the remaining battery time and the time needed to return to land/ship.

4.3.3 LED panels



4.3.4 Self-righting function

In the event that NÀUTIC capsizes, it can return to its original navigation position by moving the control joystick downwards to initiate self-righting and flip it over.



4.4. Charge mode

 Never expose the NÀUTIC unit, the RADIO CONTROL and their chargers to high temperatures (max: 60 °C/140 °F), such as those caused by campfires or direct sunlight, nor store them locked in a motor vehicle or trunk.

 In case of exposure to heat, flammable gases may be discharged and cause serious injury or death. Also, the screen can be permanently damaged if it is exposed to heat.

Protect the chargers, especially the connector and the main plug, as well as the connection port of the NÀUTIC unit and the RADIO CONTROL, so that they are not damaged or exposed to dirt, dust, humidity or heat.

 Danger of electric shock! Charge only in dry, cool and well-ventilated places. Never use the charger if any of the cables or plugs are damaged. Doing so can result in electric shock, causing serious injury or death.

Use only chargers provided by PROTEUS INNOVATION S.L. and manufactured for each specific NÀUTIC model and its RADIO CONTROL CONTROL.

During the charging process, do not place any object on the NÀUTIC unit, its RADIO CONTROL, or on the chargers, to ensure that the heat generated during the charging process dissipates properly (cooling by convection). Verify that air can circulate freely. If a charger gets hot, the output current is automatically reduced to prevent a thermal overload. If this happens, the charging process is prolonged accordingly. If the NÀUTIC unit is hot, let it cool down before charging it.

4.4.1 NAUTIC device charging

To charge the NÀUTIC unit, proceed as follows:

1. Place the NÀUTIC unit on a firm and dry surface that will not damage the components.
2. Using a soft, clean cloth, dry the area around the connection port.
3. Turn the threaded cap of the connection port counterclockwise against slight resistance and remove it from the connection port.
4. Check that the inside of the connection port is completely clean and dry.

5. Check that the charger connector is correctly positioned before plugging it into the connection port of the NÀUTIC unit and then proceed to screw it.

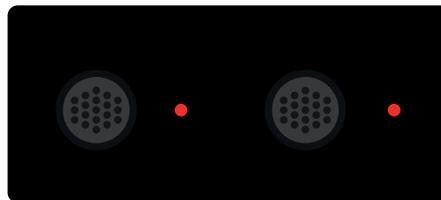


6. Only after doing this can you plug the charger plug into the wall socket.

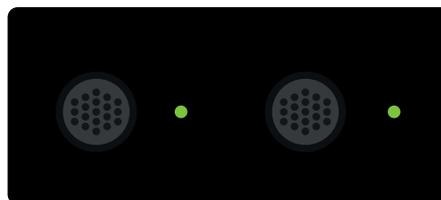
 Observe the technical specifications of the charger, especially regarding the correct input voltage (see "Charger Data Sheet" attached to the charger).

 If you take the charger to another country, use only travel plugs approved for currents of at least 10 A.

7. The two charger LEDs turn red, indicating that charging has started. The cooling fans will start. DO NOT cover the vents



8. Once the two charger LEDs turn green, it is indicative of that charging of both batteries is complete.



Warning: It is normal for the battery temperature to rise during charging. The temperature is monitored electronically. If the battery overheats, the battery management system temporarily stops the charging process.

The charge of the NÀUTIC unit is controlled automatically by the electronic system of the charger and the battery management system (BMS).

The nature of the electronic circuit makes it impossible to overload the NÀUTIC unit. The lithium-ion batteries of the NÀUTIC unit do not have a memory effect. This allows the NÀUTIC unit to be charged regardless of its state of charge and without the need to unload it beforehand. The internal voltage of each lithium-ion battery is electronically monitored. The differences between the internal cells of the batteries are compensated and balanced (inter-cell compensation).

 A completely discharged or empty battery (due to use or otherwise) should be charged immediately to prevent deep discharge from causing irreparable chemical damage to high capacity Li-ion batteries. Charge the NÀUTIC unit at least once every 7 days.

9. To complete the charging process, first remove the plug from the wall outlet. Never try to remove the plug from the socket by twisting or pulling on the cable.

10. Only after doing this can you unscrew and disconnect the connector (which no longer carries electricity) from the connection port of the NÀUTIC unit. Never try to remove the connector by twisting or pulling on the connector wire.

 The charger and connector may become hot during charging. At the end of charging, allow the charger and connector to cool before touching them.

11. Turn the dry and clean screw cap clockwise into the connection port of the NÀUTIC unit, until you feel a slight resistance. Always check that the screw cap has been properly seated in the connection port.

 Never plug in the connector if the connection port is wet or wet.

The connection port is hermetically sealed to prevent water from entering the NÀUTIC unit. The presence of water, and salt water in particular, on the docking port contacts or connector can cause chemical reactions during charging, causing irreparable damage to the docking port contacts and connector.

For this reason, you should always verify that the connection port and the connector are perfectly clean and dry before plugging the connector into the connection port of the NÀUTIC unit. Always replace the screw cap on the connection port immediately after charging is complete. Open the connection port only to carry out the charging process.

Before charging, always dry the connection port and connector with a soft, clean cloth and/or cotton swab, blow water off the contacts.

4.4.2 Radio control charging

To charge the remote control, proceed as follows:

1. Place the radio control on a firm and dry surface that will not damage the components.
2. Using a soft, clean cloth, dry the area around the connection port.
3. Open the rubber that protects the USB-C port and check that the inside of the connection port is completely clean and dry.
4. Check that the cable connector is clean and dry
5. Only after doing this can you plug the charger plug into the wall socket.

 If you take the charger to another country, use only travel plugs approved for currents of at least 10 A.

6. The LED on the back of the controller indicates charging. If it lights up red, it means that charging has started.



7. When the charge indicator led lights up in blue, it means that the remote control is fully charged.



8. To complete the charging process of the remote control, unplug the connector from the power outlet, remove the USB-C connector from the charging port of the remote control and cover said port again with the protective rubber, making sure that it is well covered. .

4.5. GPS function

NÀUTIC has a built-in GPS that allows us to have the device geolocated at all times worldwide. We also offer you an app and a website, where you can not only see the position of your device, but you can also check more data such as: average speed of the trip, route history, battery voltage...

If you have a unit with GPS included and want to activate this service, send an email with the **invoice number** and **serial number** of the products to be activated to:

gpsactivation@proteusinnovation.es

If you want more information about NÀUTIC's location mode, visit their manuals at the following link:

<https://proteusinnovation.es/en/gps-manuals>

5. After use

Take the NÀUTIC to a robust and dry area. Carry it by the handles and avoid damaging any components.



No agarre el aparato por ningún sitio que no sean las asas. Tenga cuidado con el joystick.



Securely moor the NÀUTIC if you decide to leave it in the water for a short time. Make sure that it cannot come loose and injure third parties or obstruct the passage.

Turn off NÀUTIC to prevent further discharge. This also prevents unauthorized persons or children from using the device and causing damage.



Never leave NÀUTIC unattended to prevent children or inexperienced people from using it without your permission.

Do not leave NÀUTIC exposed to direct sunlight if it is not being used. Without water to cool it, direct light can heat the device to temperatures close to 70°. Always put the appliance in the shade or cover it with a light colored damp towel.

Do not expose the device or charger to high temperatures. It could generate gases and flames and cause damage and even fire.

Charge the device after each use to avoid total discharge of the battery. Carefully read the instructions on batteries in the Operations Manual.

5.1 Storage

For long periods of inactivity, keep and store the NÀUTIC device and all its accessories in a dry, cool and safe place.



Be sure to clean the NÀUTIC device with fresh water and dry it to avoid corrosion, deterioration and malfunction, before storing it for a long period of time.



To avoid complete discharge, and therefore deterioration of the batteries, charge the Nàutic unit at least once every 7 days during the storage period.

5.2 Transport

To transport the NÀUTIC device and its accessories:

-  Make sure to clean the NÀUTIC device with fresh water and dry it to avoid corrosion, deterioration and malfunction.
-  Be sure to do so in the original box and packaging (as long as they are kept in good condition).
-  Make sure the device and all its accessories are turned off.

6. Care and maintenance

-  Las reparaciones y trabajos de mantenimiento que van más allá de lo explicado en la información de éste manual solo pueden ser llevadas a cabo por un técnico autorizado. Los trabajos de este tipo pueden ser peligrosos y causar daños graves o incluso la muerte.
-  Never alter or modify any part of NÀUTIC, its accessories or batteries. Such an action can be dangerous and cause serious injury or even death.

Limpeza del dispositivo NÀUTIC.

Give NÀUTIC a fresh water bath after each use to remove salt and other waste. In this way we will avoid corrosion and deterioration of the components.



7. Ficha técnica

DIMENSIONS 1261 mm X 921 mm
x 164mm

WEIGHT 17 Kg

MATERIAL LLDPE

REMOTE RANGE 400 m

MAX SPEED 15 km/h

CHARGE external charger for batteries with a wide range of work (110-250VAC / 50-60Hz)

BATTERIES Two 24V batteries, 13 Ah and 1.5 kg each

SPEAKER for communication one-way from remote

IP 67

ILLUMINATION 2 detection LEDs

LED PANEL with indicators of remaining battery and signal

AUTONOMY 50 min

REMOTE PILOT Radio control with its own battery, external charger (110-250VAC / 50-60 Hz), led panel and radio communication system

PROPULSION SYSTEM

Two brushless motors 1200 W and 20Kg of thrust maximum each

MANUAL PILOT Joystick

8. Warnings

Any failure to comply with the requirements and information correctly detailed in this document may lead to the loss of the guarantee.

9. Technical service

To carry out technical services or repairs, contact Proteus Innovation S.L:

- By email to info@proteusinnovation.es
- By phone at +34 613015556 (Monday to Friday from 9:00 a.m. to 5:00 p.m. to 6:00 p.m. m. Central European Time, except on holidays).

Or contact your specialist dealer.

Have the following information ready:

- Model name.
- Serial number of your Nàutic (on the purchase invoice)
- An exact description of the failure or damage.

A specialist will help you identify the cause of the error and take action, if necessary.

10. Brand

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