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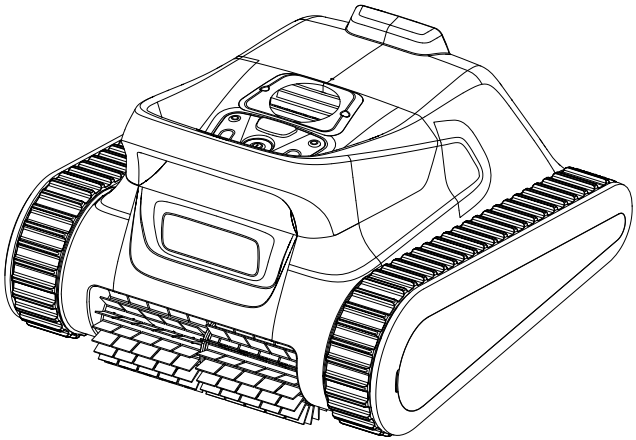
niya eclipse 35

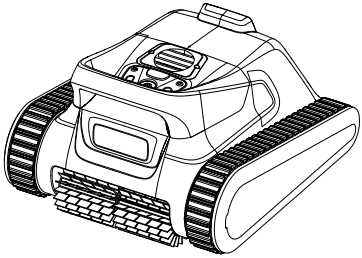
User Manual - Robotic Pool Cleaner



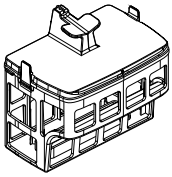
Powered by maytronics

Built by seauto

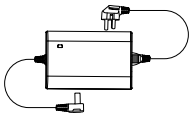
WHAT'S IN THE BOX



Niya Eclipse 35



Filter Basket



Charger

Hook

User Manual

Warranty

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1 IMPORTANT SAFETY INSTRUCTIONS

PLEASE READ AND FOLLOW ALL INSTRUCTIONS

⚠ Please adhere to the following warnings and cautions before you use the Niya Eclipse 35 Pool Cleaner.

⚠ Use the device only according to these safety instructions.
Maytronics is not liable for any loss or injury caused by improper use of the device.

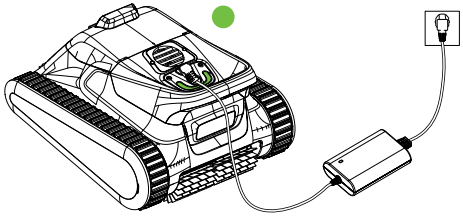
1. Use only the original battery and battery charger provided.
2. Keep the device out of the reach of children, vulnerable persons (with reduced physical, sensory, or mental abilities), and persons who lack the required knowledge and experience. Users must receive appropriate instruction and supervision before using the device. Do not allow children to perform cleaning or maintenance tasks.
3. Be careful when handling the battery casing to avoid the risk of fire and/or burns. Do not open it or crush it and do not place it near a source of heat.
4. Do not insert hands and/or fingers into the impeller motor area.
5. Remove the robotic pool cleaner from the pool before allowing people to enter the pool.
6. Always switch OFF the device before cleaning the filters and /or examining the robot.
7. Be careful when lifting the device to avoid bodily injury.
8. Do not use the device and/or its battery in case of any mechanical damage.
9. Do not use an extension cord to connect the battery charger to electric socket. Use only an appropriately located power outlet.
10. In case the power cord is damaged the entire charger must be replaced with original.
11. Place the battery charger at least 3.5 m from the pool edge during operation.
12. Place the battery charger at least 11 cm above the ground to protect users against electric shock.
13. Use a Residual Current Device (RCD) with a rated residual operating current not exceeding 30mA to power up the battery charger.

    For USA/Canada installations:

    - The battery charger should be connected only to a power supply circuit that is protected by a Ground Fault Circuit Interrupter (GFCI). This GFCI should also be tested on a routine basis.
    - To test the GFCI, push the Test button. The GFCI should interrupt the power. Push the Reset button. The power should be restored. If the GFCI fails to operate in this manner, the GFCI is defective.
    - If the GFCI interrupts power to the battery charger without the Test button being pushed, a ground current may be flowing, indicating the possibility of electric shock. Do not use the battery charger. Disconnect the battery charger and contact the manufacturer for assistance.
14. The Lithium-Ion battery should be recycled at a certified battery electronics recycler. Batteries should NOT be discarded as waste or placed in municipal recycling bins. Do not disassemble the battery.
15. Before cleaning impeller make sure the robot is properly turned OFF and the out-of-water sensor is dry, then follow the instructions in section 8.

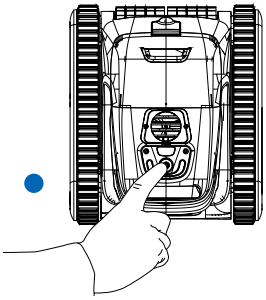
PLEASE SAVE THESE INSTRUCTIONS.

2 FIRST TIME USE



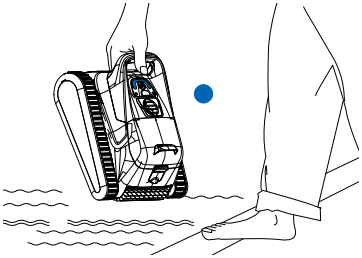
1

Charge the robot until the flashing green LED becomes solid.



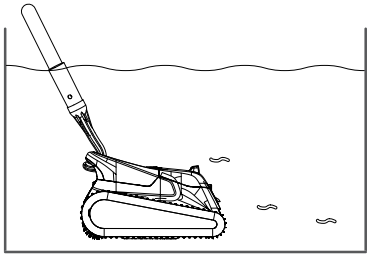
2

Unplug the charger and press the button on the robot to activate.



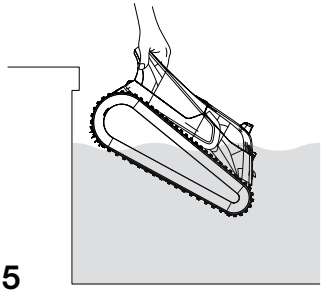
3

Put the robot in the pool until it finishes cleaning.



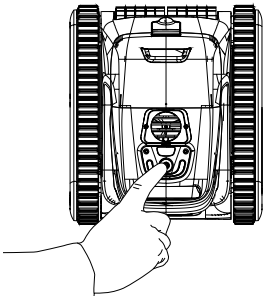
4

Attach the hook to a pole and pull the robot to the waterline.



5

When the robot reaches the waterline, pull it out of the water with your hand.



6

To turn the robot OFF, press and hold the button until the voice indicator says, “Goodbye”.

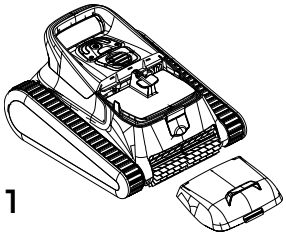
3 CLEANING MODE SELECTION

The pool cleaner is set always by default to Standard Mode.

1. Press the power button to activate the robot.
2. Short press on the power button again will change the cleaning mode:
   - **Standard mode**- Cleans the floor, walls, waterline, up to 2.5 hours.
   - **ECO Mode** - Multiple shorter **floor-only** cycles on one battery charge. ECO Mode can keep your pool floor clean for 1 week with 3 cleaning cycles.
   - **Floor mode** - Cleans the pool floor, up to 2.5 hours.
   - **Wall mode** - Cleans the pool walls, up to 2.5 hours.

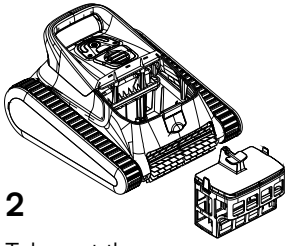
4 CLEAN THE POOL CLEANER

Place the pool cleaner on a solid surface at the poolside. Make sure it is switched OFF.



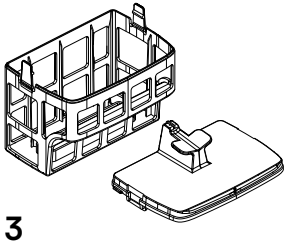
1

Remove the robot lid.



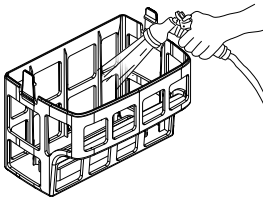
2

Take out the filter basket.



3

Remove the filter lid.



4

Clean the basket.

5 LED INDICATORS

The table below outlines the LED indicators on the robot and their significance.

LED Color	Solid Display	Flashing Display
Blue	Device Working	**Flash every 1 sec:** Device Starting **Flash every 3 sec:** Device Idle **Flash every 30 sec:** Device idle in ECO mode
Red	Device Error	
Green	While Working: ECO mode	
	While connected to the charger: Fully Charged	Device charging
Yellow		Low Battery
Purple	Device Stuck During Operation	Cleaning mode has changed
White		Software Update

6 STORAGE

Charge and store the pool cleaner in a shaded location.

When the pool cleaner is not in use for a long time, proceed as follows to store the device:

1. Make sure there is no water left in the pool cleaner.
2. Thoroughly clean the filter basket and insert it back in place.
3. Store the pool cleaner in a protected area away from direct sunlight / rain / frost at a temperature between 0°–40°C.
4. Charge the pool cleaner once every 3 months to protect the battery.

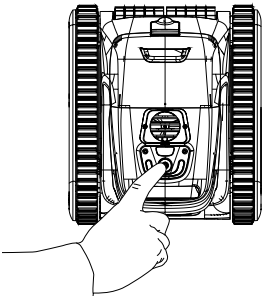
7 SPECIFICATIONS

Specification	Details
Pool Length	Up to 7m
Water Depth	0.4 m—2.5 m
Power Adapter/AC Input	100—240 VAC, 50—60 Hz
Power Adapter/DC Output	28 V, 2.3 A
Power Adapter/Rated Power	64.4 W
Lithium Battery	7800 mAh
Cleaning Cycle Time	2.5 hours
Charge Time	3-3.5 hours
Filtration System	150 µm filter basket
Connection Protocol	Bluetooth
Dimensions (L x W x H)	424 x 384 x 250 mm
Net Weight	8.7 kg
Motor and Battery Protection	IP X8
Charger Protection	IP 54
Storage Temperature	0°—40°C
Water Conditions	Use the device only in the below water conditions:
	Chlorine - Max 4 PPM
	Temperature - 5—35°C
	pH - 7.0—7.8
	NaCl - Max 5000 PPM

8 IMPELLER CLEANING PROCESS

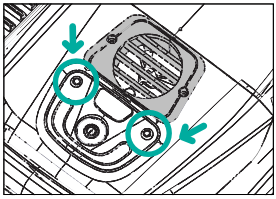
When the red LED indicator starts flashing and the robot announces a "Pumping motor issue," the likely cause could be a clogged impeller. This causes the robot to struggle to vacuum and climb even if the filter is clean.

Please follow the instructions below carefully to resolve the issue.



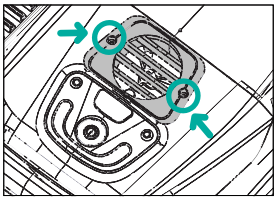
1

Turn OFF the robot Press and hold the button until there is a voice indication, "Goodbye".



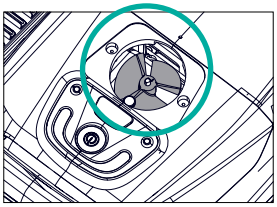
2

Ensure the metallic out-of-water sensors are **completely dry** by wiping with a tissue or towel.



3

Remove 2 screws to take off the impeller cover.



4

Carefully remove debris from the impeller area (with a tweezer or a similar tool). **Gently** return the cover and screws.

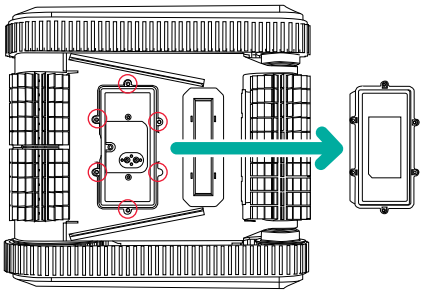
9 BATTERY REPLACEMENT

Before inserting a new battery, clean up the water droplets and sand or other foreign objects from the device.

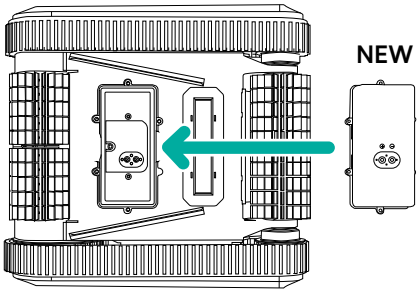
Before replacement of the battery, ensure the complete evaporation of moisture.

To replace the battery, proceed as follows:

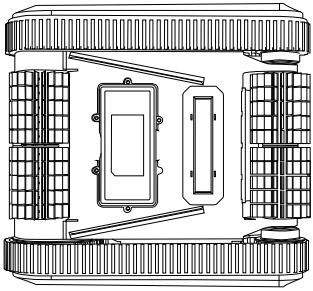
1. Remove the six screws fixed to the holding plate and extract the used battery.



2. Insert the new battery in the same position where the used battery was previously.



3. Gently secure the new battery in place using the six screws. Make sure they are tightened correctly.



10 TROUBLESHOOTING

Question	Answer
What pool is the Eclipse 35 suitable for?	The Eclipse 35 is suitable for above-ground and in-ground pools, up to 7m long. The water should be at least 0.4-2.5 m deep.
Why doesn't the cleaner respond after turning on the machine?	The battery may have discharged due to extended delivery or storage. Please charge the device. The LED indicator will flash GREEN while charging.
How do I charge my Eclipse 35?	Charge your Eclipse 35 in a shaded, dry area with a GFCI outlet. Do not use an extension cord to connect the battery charger to the electrical socket. For safety, place the battery charger at least 11 cm above the ground while in use. 1. Connect the robot to the electrical socket using the provided battery charger. The LED on the robot will flash GREEN while charging. 2. When the device is fully charged, the LED on the robot will show steady GREEN. After 10 minutes, it will turn off automatically. 3. Disconnect the charger from the robot and the electrical socket.

10 TROUBLESHOOTING

Question	Answer
What cleaning modes are included with the Eclipse 35 and how to set them?	The Eclipse 35 offers four cleaning modes: Standard Mode, Floor Mode, Walls Mode, and Eco Mode. The pool cleaner is set by default on Standard Mode and will revert back to Standard Mode once it is plugged in to charge/once it shuts off. **Standard Mode**: This mode provides up to 2.5 hours of floor, wall, and waterline cleaning. The robot cleans the floor, wall, and waterline for the first hour and the floor only for the second hour. **Floor Mode**: This mode provides up to 2.5 hours of floor-only cleaning. **Walls Mode**: This mode provides up to 2.5 hours of Wall cleaning. **Eco Mode**: In Eco Mode the Eclipse 35 completes three shorter floor-only cleaning cycles for 1 week, on a single battery charge. To set the cleaning modes: 1. Press the Power button to turn the robot ON. 2. Short press the Power button until you reach the desired cleaning mode.
Why can't the cleaner climb the wall?	There is garbage or debris in the filter basket. Remove the basket and clean it. If the filter is clean and the robot doesn't climb well, clean the impeller. Follow the instructions in section 8.
What is the issue when the cleaner lights up with a purple LED indicator?	The purple LED indicator means that the cleaner is stuck. Pull the cleaner out of the water. When the blue LED indicator starts to flash, place it back in the pool to continue the cleaning process.

10 TROUBLESHOOTING

Question	Answer
Why is the robot not cleaning effectively?	The device may absorb an extensive amount of debris in a very short time when placed in a dirty pool. Check and clean the filters if needed.
Why can't the cleaner clean the wall or waterline?	The device may contain too much debris in the filter basket. This could weaken its suction capacity.
Why doesn't the robot complete its cleaning cycle in ECO mode?	The battery might not be fully charged. Before using ECO mode, ensure the robot's battery is fully charged for optimal performance.
Why does the cleaner automatically switch off after a few hours of charging?	The device is designed to shut off automatically in 10 minutes after being fully charged to protect the battery and ensure its lifespan.

For support, please email infoau@maytronics.com or call 1300 693 657.

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