

degrii

## Zima Pro User Manual



Designed in California - Made in China  
Degrii, Inc. - [www.degrii.com](http://www.degrii.com)  
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ZIMA<sup>TM</sup> PRO

V1.0

EN

Degrii Zima Pro  
Cordless Robotic Pool Cleaner

### Table of Contents

Warning .....	4
Warranty .....	5
Introduction .....	5
Customer Service .....	5
In the Box .....	6
Setup .....	7
To Start With the Degrii App .....	7
To Prepare Your Robotic Pool Cleaner .....	8
Activate Your Robot Using the App on Your Phone .....	8
In the App .....	8
Device Instructions .....	11
General Cleaning Operations .....	13
Replacement Operation .....	15
Troubleshooting .....	17
Product Specification .....	17
FCC Statement .....	18
Canada Statement .....	18
Caution .....	19

## Warning

1. For your safety, DO NOT do anything other than the routine cleaning and maintenance as described in this manual. This product must be serviced by a professional who is licensed and qualified in pool equipment repair as per local laws.
2. USE ONLY the original and authorized power adapter and cord to charge.
3. DO NOT use if the power cord is damaged. Before charging make sure that the connector and socket are dry and clean.
4. Make sure the electrical outlet is protected by a ground fault interrupter (GFI) or an earth leakage interrupter (ELI).
5. DO NOT let the floating battery platform fall into the pool, or get wet WHILE CHARGING.
6. DO NOT attempt to charge the ZIMA PRO when the robot is running. Make sure the power is OFF.
7. DO NOT ENTER the pool while the pool cleaner is in the pool.
8. Improper installation and/or operation may void the warranty.
9. DO NOT use an unauthorized extension cord.
10. To reduce the risk of injury, DO NOT allow children to operate or ride on the cleaner.
11. When the device battery is charging, the cleaner should be kept in a cool place to avoid damage to internal electrical components caused by overheating.
12. To ensure optimal battery life for the product during long-term storage, it is recommended to perform a minimum of one charge cycle per month, maintaining the battery charge level between 30% to 50%. DO NOT let the device remain without battery life for more than a month.
13. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

WARNING: Use only with DZ072ADL255250F battery charger.

## Warranty

### BEFORE INSTALLING AND USING THIS PRODUCT, PLEASE READ THE FOLLOWING GUIDELINES AND INSTRUCTIONS:

1. The warranty duration for the battery and motors is two years from your purchase date.
2. The warranty duration for the scrubbing brushes (4x) and filter cartridges (2x) is one year from your purchase date.
3. This warranty is valid only for the original purchaser and does not apply to resale or transfer.
4. Any damages or failures caused by misuse, unauthorized repair, disassembly, or moisture getting inside the charging port may void the warranty.
5. Purchasing order number or official record is required to claim the repair during the warranty period.

\*Find the product's serial number under the floating battery platform. If service is required, please contact your original dealer. If your original dealer does not perform warranty services, please find the customer service contact info.\*

## Introduction

### THANK YOU FOR CHOOSING ZIMA PRO

Your Zima Pro Cordless Robotic Pool Cleaner is designed and manufactured to be sustainable and energy-efficient, convenient and cost-effective, easily installed, with minimal maintenance. Zima Pro has a floating battery platform, Bluetooth and Wi-Fi connections, water purification capabilities, and a wall-climbing feature that cleans the pool's floor, walls and waterline automatically, utilizing eight sensors, four LED lights, four scrubbing brushes, and three motors.

## Customer Service

Telephone: +1 (888) 533-4744

Email: [happycustomer@degrii.com](mailto:happycustomer@degrii.com)

Join the community: [degrii.com/pages/community](http://degrii.com/pages/community)

Find the latest manual & FAQ: [degrii.com/pages/support](http://degrii.com/pages/support)

## In the Box



### Note

Each unit has been tested for overall quality, then cleaned, dried and packed. Due to long-distance transportation, the sponge in the scrubbing brush may still be wet due to evaporation, which can cause dampness in the product.

## Setup

You can connect and control the ZIMA PRO robot with the Degrii App. The App is available for download from the Google Play Store and the Apple App Store.

[Download on the App Store](#)

[Get it on Google Play](#)

Once you download the Degrii App and the device is connected to Wi-Fi, the App will allow you to control the cleaner from anywhere at anytime. The App provides many more options to control the robot, giving you a better user experience than standard controls.

### To Start The Degrii App

1. Ensure the Wi-Fi router has sufficient signal strength (currently supports 2.4 GHz frequency).
2. Enter your Wi-Fi network name and password.
3. Turn Bluetooth on for your iOS or Android devices.
4. Confirm that your mobile smart device is connected to your home/pool Wi-Fi network.
5. If you are an Android user, check that your GPS and location services are on.

### To Prepare Your Robotic Pool Cleaner

1. Charge the device ensuring that the battery has a full charge.
2. To turn on the robot, hold the floating battery platform, then turn it on by pressing the ON/OFF switch.



Note: Before charging, double check that the device is turned off. Wipe away any water from the charging pin.



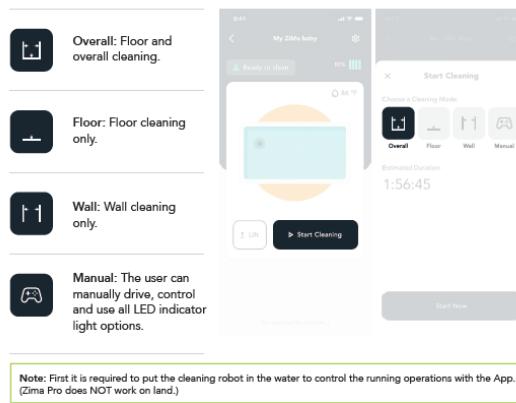
Note: Once you turn on the device and the Wi-Fi LED light starts blinking, it is ready to pair with the App.

### Activate Your Robot Using the App on Your Phone

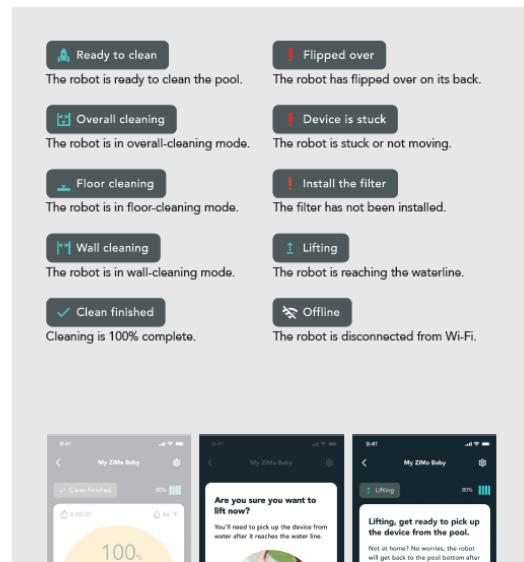
- Once you open the App, click "Agree" to allow all the required permissions.
- Click "Sign Up" to create a new user account. Or if you previously set up an account in this App, click "Log In" to access the systems.
- Search for your robot manually to pair.
- Connect to the home/pool Wi-Fi network.
- Enter the Wi-Fi password.
- Enter the pool shape and size correctly. (\*This information will be used to estimate the total cleaning time.)
- A congratulatory page will appear once the robot is connected to the App and ready for operation.

Note: Check that you are using the most updated version of the APP. (\*The firmware is up-to-date.)

### In the App

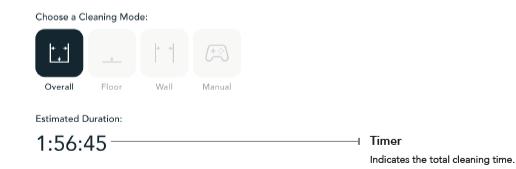
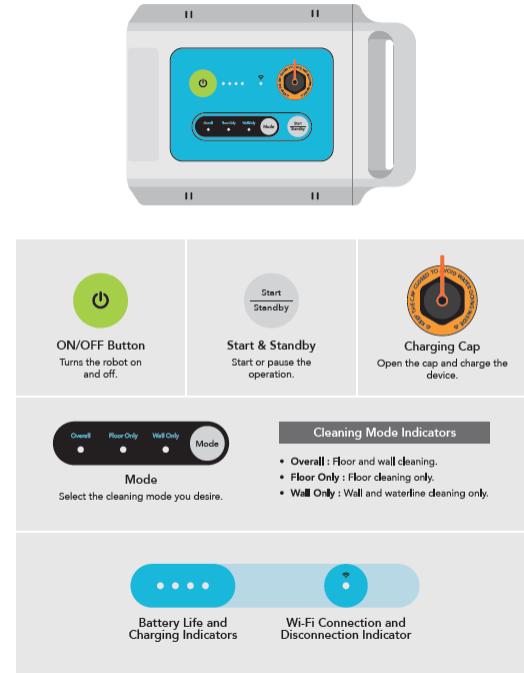


8



9

### Device Instructions



10

11

**Indicators On the Floating Battery Platform**

- Power On: Battery, Wi-Fi, and Mode LED lights are on.
- Charging Indicator: The battery LED light is blinking.
- Battery Life: Four LED lights represent battery life.
- Battery is Full: All the battery LED lights are on.
- Waiting to Pair: Wi-Fi LED light starts blinking.
- Wi-Fi Connection: Wi-Fi LED light is always on.
- Wi-Fi Disconnection: Wi-Fi LED light is off.
- Wi-Fi Reset Indicator: Turn on the device. Then press and hold the "Mode" button for 5 seconds. Reset is done when the Wi-Fi LED light starts blinking.
- Factory Reset Indicator: Turn on the device. Then click and hold the "Start/Standby" button for 5 seconds. Reset is done when all eight indicator lights are on, then off, and the Wi-Fi icon starts blinking.



Front Side LED Lights Back Side LED Lights

**Indicators On the Cleaning Robot**

- Moving Forward: Two LED lights from the front side are on.
- Moving Backward: Two LED lights from the back side are on.
- Moving Left: Two LED lights from the left side are on.
- Moving Right: Two LED lights from the right side are on.
- Disco Mode is On: All the LED lights are in disco mode.
- Blinking Mode is On: All the LED lights are blinking.

To turn on and check these LED indicator lights, go to manual mode in the App.

12

## General Cleaning Operations

1. Put the robot into the pool in a vertical position to release any air trapped inside. Make sure the unit sinks to the very bottom of the pool and does not float.



Note: The device can calculate the total cleaning time based on your pool size. To check the cleaning time, we recommend connecting your device to the Degrill App.

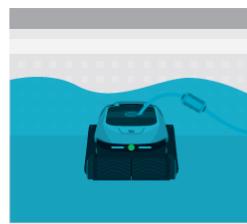
2. Run the robot without the App (Manual Mode). Or if you prefer select the automatic cleaning mode on the Floating Battery Platform, then press the START button. The robot will start cleaning after 3 seconds.



3. Confirm the Floating Battery Platform is free of obstructions.



4. In automatic mode the robot will move to the nearest edge when it completes the cleaning cycle or when the battery life drops to 10%.



13

## Replacement Operation

### Scrubbing Brushes

- Unscrew the old scrubbing brushes from both sides of the robot.
- Wrap the new scrubbing brushes on the roller body by scrubbing all the buckles one by one.
- Attach the new brushes to the robot, making certain the direction of the scrubbing brushes face the V-shape.



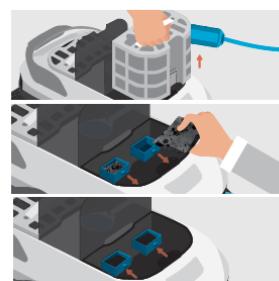
### Filter Cartridges

- Open the filter cover and remove the filters from both sides of the robot.
- Insert the new filters.
- Carefully close the filter covers tight.



### Purification Packs

- Open the top filter cover from the robot.
- Open the two drawers carefully and take the old packs out.
- Put the new purification packs inside the drawers.



### Notes:

- The active charcoal packs remove certain chemicals that are dissolved in water.
- Go to the App settings to find out the status of the purification charcoal packs.
- To purchase new charcoal packs subscribe to the Degrill App.
- Please check the product's specifications and conditions for use carefully on the pack's cover.

5. If the robot stops in an inaccessible location, use the Manual Mode in the App to bring the robot closer to you.



6. When lifting the robot out of the pool, hold it vertically to drain the water out.



7. To turn the device OFF, press the ON/OFF button again. No LED light indicates the device is OFF.



8. Open the filter cover remove the filters from both sides of the robot.



9. Empty all debris from the filter. Then rinse the filter using a water hose with clean water. If the filter is still dirty, clean it with soapy water and a soft bristle brush.



10. Insert the filter back into the device before closing the cover properly. Store the device in an arid place where it can dry before the next use. (\*Do not dry the ZIMA PRO cleaning robot under direct sunlight.)



14

15

## Troubleshooting

Problems	Possible Reasons	Workable Solutions
The robot is not powering on.	1. Low battery. 2. The cord is damaged. 3. The robot is defective.	1. Check that the robot has enough charge to turn on. 2. Contact the Degrui customer support.
The robot does not move and stops working after some time.	1. Low battery. 2. An obstacle is blocking the impeller. 3. An obstacle is impeding the movement of the wheel.	1. Confirm the robot has enough battery to perform the actions. 2. Carefully open the impeller cover and check that nothing is blocking it. 3. Verify that the wheels can move freely.
The robot is not charging.	1. The charging cord is damaged. 2. You used a different charger.	1. Examine the charging cords for defects. 2. Double check that you are using the original charger.
The robot is moving in circles.	1. The filter is clogged or full. 2. Debris is blocking the impeller.	1. Clear the filter properly. 2. Ensure nothing is blocking the impeller area.
The debris doesn't reach all areas of the pool.	1. The pool shape is not regular. 2. The pump or filter system is running.	1. Use manual mode to clean the missing or hard-to-reach areas. 2. Turn off the pump and filter system.
The robot doesn't climb the wall.	1. The filter canister is full or too dirty or clogged. 2. The brushes are worn out. 3. There is algae built up. The wall surface is too slippery.	1. Empty and clean all the debris from the filter canister. Ensure the impeller area is clean. 2. Remove debris from the filter brush. 3. Brush the algae from the wall. (When you intend to use the robot at the beginning of the new season, brush the algae from the floor and wall of the pool)
The robot is not sinking in the water.	Pool dirt has blocked the filter basket so that the air can't be emptied easily.	1. Make sure the filter basket is clean, and there is no debris inside. 2. Fully submerge the cleaner into the water till no air bubbles come out. Then release to sink down.
The robot moves but does not clean the pool.	The filter basket is full.	Remove and clean all debris from the canister.
The robot is stuck.	Other pool equipment is active and running at the same time as the robot.	1. Make sure to turn off the pool equipment while the robot is running. 2. Turn on the App to control the robot and move in a different direction.
The robot hasn't completed the full runtime specified in the App.	1. The battery is low. 2. The robot is blocked by an object.	1. Make sure to charge it fully to get the specified cleaning time. 2. Make sure there is no object impeding the movement on its way.
The robot had flipped over.	The filter cartridge is full.	Make sure you emptied all the debris from the filter.
The device is not connecting to the App.	1. The router is turned off. 2. You changed the router password. 3. Your router is far from the device. 4. It is not 2.4GHz WiFi.	1. Turn on the router. 2. Reboot the router with a new password and connect the device. 3. Make sure the device is within the WiFi range and the signal is strong. 4. Check if it is 2.4GHz WiFi. Perform factory reset and WiFi reset. Turn on the device. Then click and hold the "StandBy" button for 5 seconds. Reset is done when a white indicator light are on, then off, and the WiFi icon starts blinking. Note: If the WiFi icon is not visible, press and hold the "Mode" button for 5 seconds. Reset is done when the WiFi LED light starts blinking.
The device is offline.	1. Your device may be turned off. 2. The battery may be out of power.	1. Make sure you turned on the device. 2. Ensure the battery has enough power.

16

## Product Specification

Product Dimension	55 * 42 * 23.5 cm		
Item Weight	11.8 kg		
Cleaning Mode	Floor, Wall, Overall		
Cleaning Coverage	Up to 450 m <sup>2</sup>		
Battery Capacity	10000 mAh		
Charging Time	4~5 hours		
Cord Length	3.5 m		
Power	250 W		
Suction Power	80~200 W		
Operating Temperature	0~35 °C		
Storage Temperature	-20~35 °C		
Runtime	Overall mode: 2.5 - 3 hours Wall mode: 2 - 2.5 hours Floor mode: 3 - 3.5 hours  *The device has to be fully charged to get full runtime.		
Charger Input	AC 100~240 V 50/60 Hz 1.5 A		
Charger Output	25.5 V ■ 2.5 A		
Bluetooth/Wi-Fi	Yes		
Temperature sensor	Yes		
Manual Cleaning	Yes		
Manufacturer	Degrui, Inc.		
Bluetooth	2402MHz ~ 2480MHz, Maximum output power: 10dBm		
2.4G WLAN(EU)	2412MHz ~ 2472MHz, Maximum output power: 20dBm	2.4G WLAN(US)	2412MHz ~ 2462MHz, Maximum output power: 20dBm

17

## FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter. End-Users must be provided with transmitter operation conditions for satisfying RF exposure compliance.

## Canada Statement

### - English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

This device may not cause interference.

This device must accept any interference, including interference that may cause undesired operation of the device.

### - French:

Cet appareil contient des émetteurs/récepteurs exemptés de licence qui sont conformes aux flux RSS exemptés de licence de Innovation, Science et développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes:

Cet appareil ne doit pas causer d'interférences.

Ce dispositif doit accepter toute interférence, y compris toute interférence pouvant causer un fonctionnement indésirable du dispositif

Les antennes utilisées pour cet émetteur doivent être installées pour assurer une distance de séparation d'au moins 20 cm par rapport à toutes les personnes et ne doivent pas être localisées ou fonctionner conjointement avec d'autres antennes ou émetteurs. Les utilisateurs doivent avoir des conditions de fonctionnement de l'émetteur pour satisfaire à la conformité à l'exposition RF.

## Caution

Read the manual and follow the instructions accordingly. In case of inappropriate use, Degrui is not liable for losses or injuries.

1. The Pool cleaner must be installed and operated as specified.

2. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

3. Under Industry Canada/Europe/Australia regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada/Europe/Australia.

4. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device.

5. When not in use, please store the pool cleaner in a shaded area, away from direct sunshine or any heat source. (We recommend taking the cleaner out of the water after each use).

6. Always clean the filter canister after each use. Do not let the filter baskets dry out before cleaning.

7. Don't run the cleaner when it is not in the water.

8. Use the pool cleaner in the following water condition:

Water temperature	5 - 35 °C
pH level	7.0 - 7.8 PPM
Cl level	Max 4 PPM

18

19