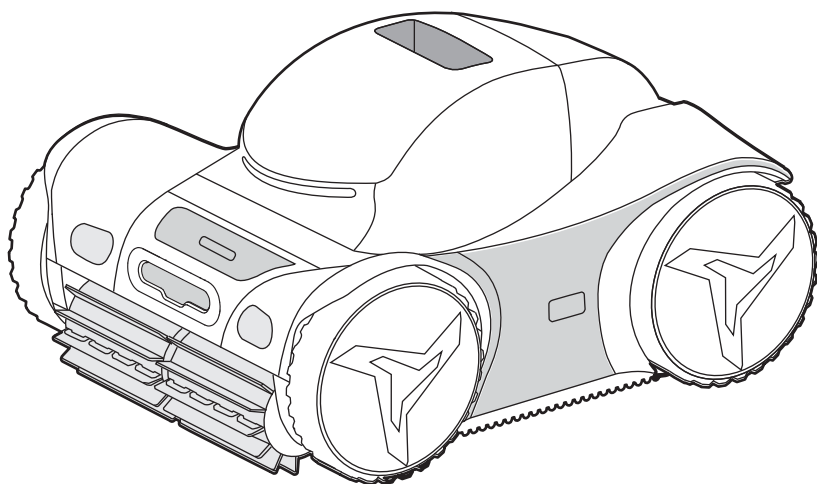


iGarden



iGarden Pool Cleaner M1 Pro-125 AI

— USER MANUAL —

Please read this manual carefully before installing and operating your pool cleaner, and keep this manual for future reference to ensure safe and effective use.

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1 Introduction

Thank you for purchasing the iGarden Pool Cleaner M1 Pro-125 AI. Reading and following instructions provided is crucial for a better user experience.

2 Important Safety Information

2.1 Warnings

Failure to comply with the instructions can result in injury, damage to the product or other property.

- **Designed for pools.** Use only to clean your pool. The cleaner is intended for residential use.
- **Children.** Keep children away from the cleaner. Individuals with reduced physical or mental abilities should not use it without supervision.
- **Proper installation is required.** Please follow the country's local installation standards. Damage from an incorrect installation is not covered by the warranty.
- **Do not enter the pool while the cleaner is running.**
- **Charging.** Use only the power supply and charge at least 3.5 meters (11.48 ft) away from the pool. If you notice anything unusual while charging, for example a strange smell, unplug it immediately and contact us.
- **Cleaning and maintenance.** Turn the cleaner off and unplug it before cleaning and maintenance. Only use original replacement parts from the manufacturer.
- **Control panel.** Make sure your hands are dry when using the control panel.
- **Repair.** Do not attempt to repair the device yourself, please contact us instead.
- **Using conditions.** The cleaner is recommended to be used in water deeper than 40 cm (1.31 ft) to protect its motor. When the battery level is below 30%, this cleaner will switch to floor-only cleaning mode. While cleaning the pool floor, it cannot traverse cross-slopes steeper than 30 degrees. Do not run the cleaner while adding chlorine to the water. Do not use this product during thunderstorms or bad weather.
- **Storage.** Do not expose this product to rain or direct sunlight for extended periods. Clean and dry the product after each use before storage. For long-term storage, unplug and neatly store the charger cable to prevent damage. Keep your cleaner in a cool, dry place with temperature between -10 to 45°C (14 to 113°F) and humidity between 30% to 70%.

- **Handling.** Lift the cleaner out gently. After removal, keep it in an upright position to drain water before storing it flat. Never lift the cleaner out of the pool by a slide rod, as it may damage the product.

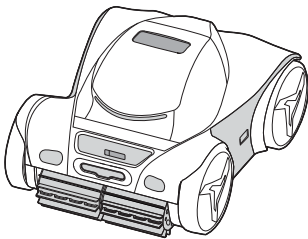
2.2 Operating Conditions

| Parameter | Range |
|-------------------------------------|---------------------------|
| Working Water Depth (m) | 0.4m-2.5m (Ideal 1m-2.5m) |
| Pool Water Temperature | 4°C-35°C |
| pH level | 7.0-7.8 |
| Sodium Chloride Concentration (PPM) | Maximum = 5000 PPM |
| Chlorine Content (PPM) | Max 4 PPM |

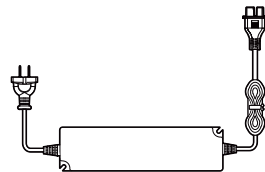
💡 NOTE:

The battery life of this product may be reduced if the pool water temperature is below 15°C / 59°F.

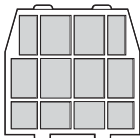
3 What's in the Box



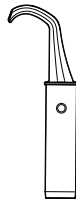
Pool Cleaner



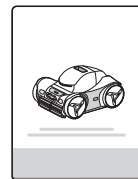
Charger



Filter



Hook



Manual

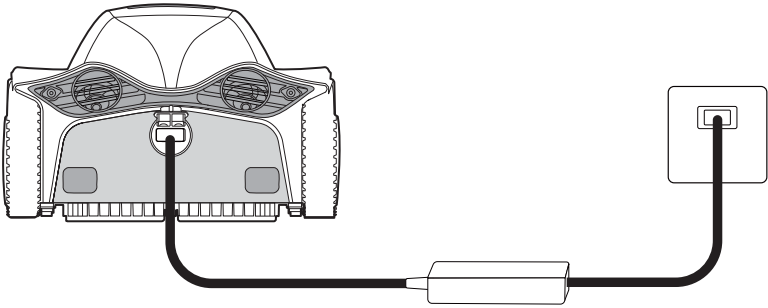
💡 NOTE:

The packaging of this product includes the following items. If there is any damage or missing parts, please contact the retailer.

4 Getting Started

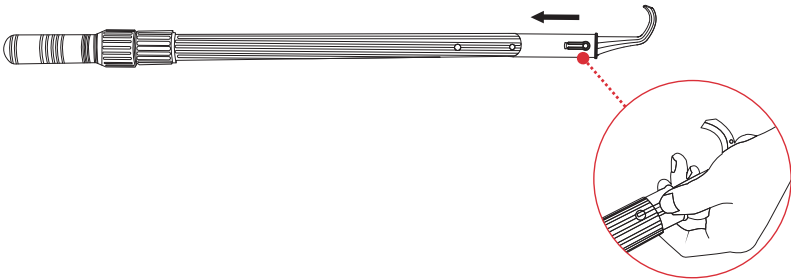
4.1 Charge

Uncap and plug the included charger into a power outlet (100-240V). Seeing all three indicator lights on, unplug and cover the cap back.



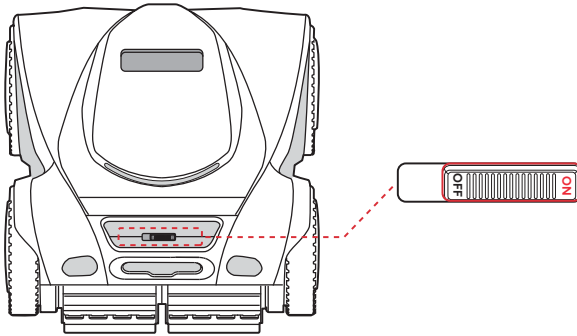
4.2 Assemble Parts

Attach the hook to the extension pole (not included in the package).

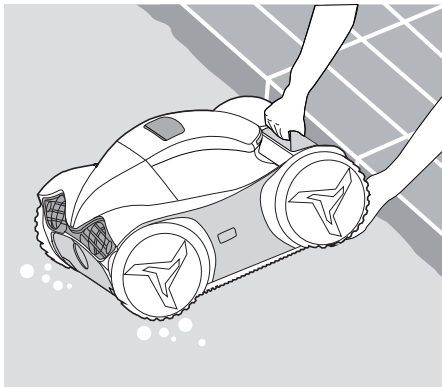


4.3 Quick Start

Switch the cleaner on.



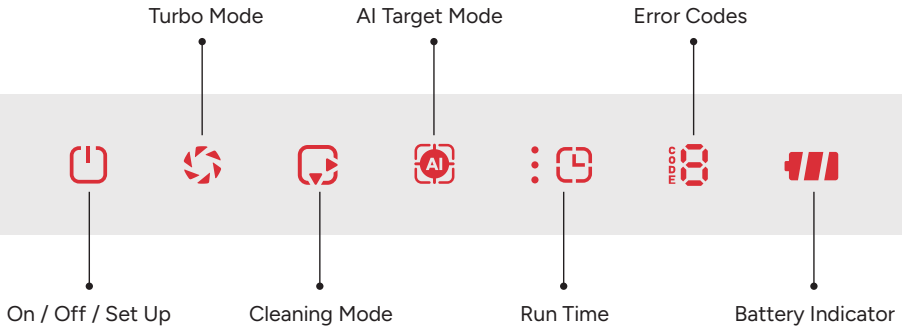
Place the robot in water, hold it and rotate the cleaner to let the air escape. See image below:




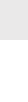





 **NOTE:**

Make sure it is submerged under water within 3 minutes after turning on, or it will automatically stop.

5 Learning The Control Panel



5.1 Control Panel Overview

| Button | Icon | Effects | Function |
|-------------------|--|-----------------------|--|
| On / Off / Set Up |  | Light Flashes / On | Setup / Operation Starts |
| Run Time |  | 1 / 2 / 3 LEDs or Off | 1h / 1.5h / 2h or Low Battery |
| Cleaning Mode |  | Bottom LED On | Floor Only (S-Path Cleaning first, then AI Target) |
| | | Top LED On | Wall & Waterline Only |
| | | *Both LEDs On | *Wall & Waterline first. Then Floor cleaning: S-path → AI Target |
| | | *Both LEDs Off | *Full Coverage |
| AI Target Mode |  | LED On / Off | AI Target Mode (Floor Only) On / Off |
| Turbo Mode |  | LED On / Off | Turbo Mode On / Off |
| Error Codes |  | E1–E7 | System Fault (see Troubleshooting) |
| Battery Indicator |  | LEDs On / Flash | 20-100% Battery Levels / Charging |

Important Cleaning Modes Explained*Wall & Waterline first, then Floor**

Recommended for most cleaning needs; does not clean tanning ledges or other shallow areas.

Full Coverage

Cleans Floor → Wall → Waterline to cover all areas (includes tanning ledges); May use more power than Wall & Waterline first, then floor.

5.2 Control Panel Details

| Function | Condition | Response |
|------------------|---------------------|---|
| Turn On Hold | 3 s | Wake and Start Setting |
| Turn On Tap | After Setting | Save Setting and Auto-clean In Water |
| Preset Run Cycle | Tap AI timer button | Clean and stop until the first cleaning cycle is done. Auto-clean again after a 24h interval. |
| Low Battery | LED Flashes | < 15% Power Levels Parks and Stops |

6 Connect To WiFi

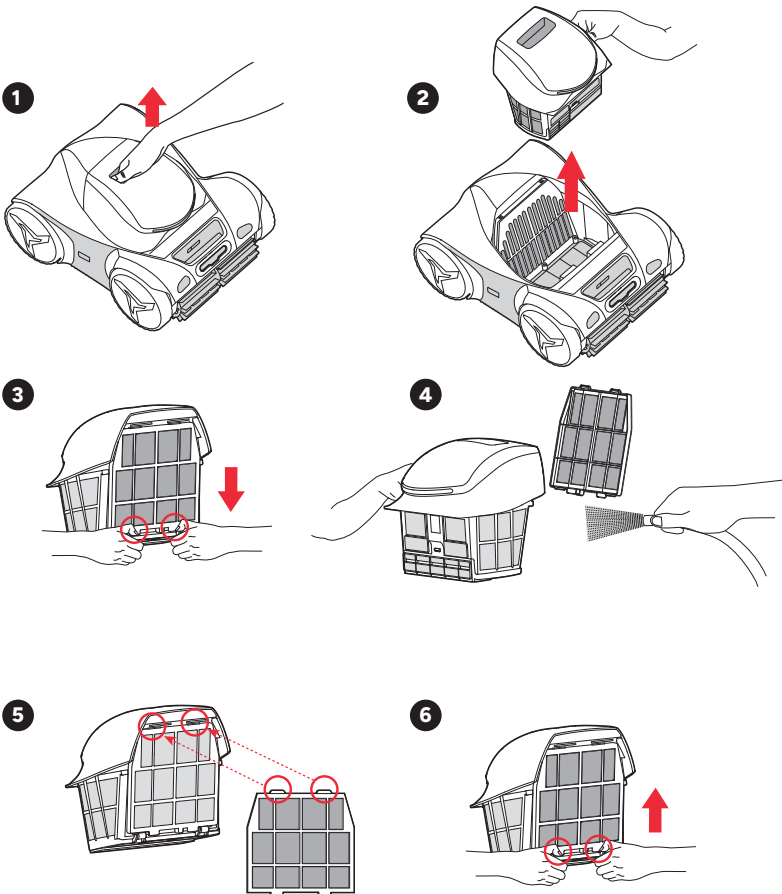
Hold Cleaning Mode for 3s. When you hear a tone, it is ready to pair. Connect device to network in the "iGarden" App before placing it into the water. Once the Control Panel lights up, the WiFi is set. Scan the QR Code below to download:



7 Care And Cleaning

7.1 Filter Box

1. Lift the handle to remove the filter basket.
2. Open and separate the double-layer filter box.
3. Rinse the filter box.
4. Align upper clips with the matching slots to restore the filter box.
5. Slide into bottom slots until it clicks into place.



 **NOTE:**

1. The robot comes equipped with a single-layer filter by default, which is generally sufficient for daily cleaning.
2. When dealing with fine debris such as sand, dirt, or settled dust, it is recommended to perform an initial clean with the single-layer filter first, then switch to the double-layer filter for a thorough clean to achieve optimal results.

7.2 Bionic AI Dual Camera

AI Target Mode (Only Active During the Floor Cleaning Phase)

1. Floor Only

The cleaning mode indicator and the bottom triangular indicator light up. Based on the set cleaning time (e.g., 1 hour), the robot follows an S-shaped cleaning pattern for the first 2/3 of the cycle (about 40 minutes) to cover the entire floor, then switches to AI Target for the final 1/3 (about 20 minutes). The camera starts detecting remaining debris and performs targeted touch-up cleaning.

2. Wall & Waterline Only, Then Floor Cleaning

The cleaning mode indicator and both triangular indicators light up. After the robot finishes cleaning the walls and waterline, it switches to Floor Only. It performs S-path floor coverage cleaning for the first 2/3 of the cycle, then automatically enables AI Target for the final 1/3, using Bionic AI Dual Camera to continuously identify remaining debris and precisely target missed areas.

3. AI Target Only

Select the cleaning mode and the multicolor indicator light turns on. In this mode, the robot runs AI Target for the entire cleaning cycle based on the set cleaning time.

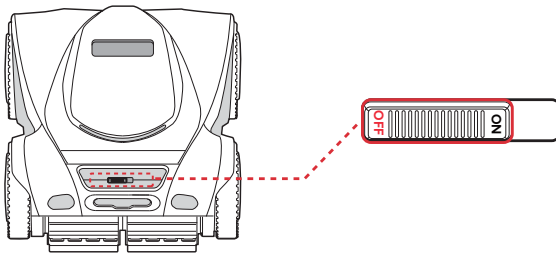
After setting the cleaning mode via the control panel or the app, the robot will begin cleaning the pool floor according to the preset cleaning path once it enters the water. During operation, the front camera automatically detects and locks onto debris ahead, performing targeted cleaning.

💡 NOTE:

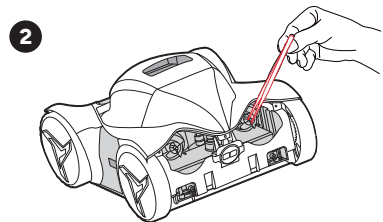
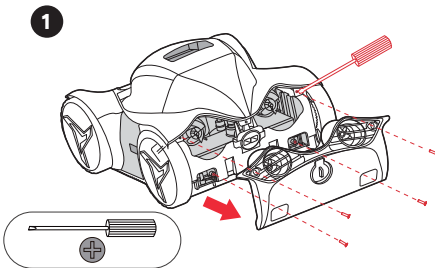
1. The camera on the robot activates only when the robot is underwater.
2. When the LED light is on, do not look directly into the light.
3. The AI Target cleaning mode relies on visual detection. Keep the camera free from dust, contamination, or scratches, as this may reduce detection performance. Use a soft cloth to gently clean the camera lens.
4. Cleaning Mode and AI Target Mode cannot be enabled at the same time. The system will apply the most recently selected mode. After a new mode is selected, the previously selected mode will no longer take effect.

7.3 Impeller

Turn off the cleaner when seeing performance declines.



- Unscrew and remove the back cover.
- Take out the impeller to clean debris.



💡 NOTE:

Contact us for assistance when you encounter difficulties.

8 Troubleshooting

| Problem | Cause | Solution |
|-----------------------------------|--------------------------------|--|
| Charging failure | Debris on the charging cable | Clean debris |
| | Charging cable damage | Replace charging cable |
| Startup failure | Invalid "Turn On" setting | Turn ON again |
| No movement/ pumping | Control panel wet | Dry the panel and try again |
| | Incorrect settings / operation | Restart the cleaner/ reselect modes |
| | Low battery level | Fully charge |
| Moving but not pumping | Out of water | Submerge fully |
| | Turned on improperly | Turn it on after setup. LED ON indicates turning on successful |
| | Filter box full | Clean the filter box |
| | Impeller stuck | Clean impeller in OFF state |
| Pumping but not moving | Filter box full | Clean the filter box |
| | Inlet clogged | Clean the inlet |
| | Low battery level | Fully charge |
| | Motion motor stuck | Contact us for motor replacement |

| | | |
|---------------------------|--|--|
| Not climbing | Belt stuck | Adjust the belt |
| | Worn belt | Replace the belt |
| | Roller brush stuck | Clean the roller brush |
| | Obstacles blockage. Stop for protection setup | Clean the obstacles and restart the cleaner |
| | Filter box full | Clean the box |
| | Bottom cleaning mode | Switch modes |
| Poor cleaning | Impeller stuck | Clean impeller in OFF state |
| | Filter box full | Clean the filter box |
| | Inlet clogged | Clean the inlet |
| | Low battery level | Fully charge |
| Abnormal operation | See potential causes identified in "Poor cleaning" | Fix the issue according to solutions listed in "Poor cleaning" |
| | Worn filter net | Replace the filter net |
| | Software glitch | Restart the cleaner |
| Error Codes | E1 | Left Drive Motor Error |
| | E2 | Right Drive Motor Error |
| | E3 | Left Pump Error |

| | | |
|-----------------------------------|--|---|
| Error Codes | E4 | Right Pump Error |
| | E5 | Infrared Sensor Error |
| | E6 | Water Sensor Error |
| | E7 | Motor Control Box Communication Error |
| Low-Temperature Protection | The robot cannot charge properly when the temperature is below -3°C. | Place the robot in an environment above -3°C for a period of time before charging to avoid reduced battery performance or abnormal charging caused by low temperatures. |

9 Cleaner Specifications

| Model | M1 Pro-125 AI |
|--------------------------|-----------------------|
| Battery Life: Floor Mode | 12.5h |
| Charging Time (3A Wired) | Approx. 5.5h |
| Charging Method | 3A Wired Charging |
| Battery Capacity | 12,500 mAh (313.4 Wh) |
| Maximum Pool length | 15m (50ft) |
| Optimal Pool Temperature | 4~35°C / 39.2~95°F |

| | |
|---------------------------|---|
| Cleaning Mode | Floor Only (S-Path Cleaning first, then AI Target) |
| | Wall & Waterline Only |
| | Wall & Waterline first. Then Floor cleaning: S-path → AI Target |
| | Full Coverage |
| Turbo mode | YES |
| Multiple Cycle Option | 1h / 1.5h / 2h / Max |
| AI Timer | 24h / 48h / 72h |
| AI Camera System | Bionic AI Dual Camera |
| APP Application | YES |
| Filter Capacity | 4.5L |
| Filtration Accuracy | Double-layer |
| Pump Flow Rate | 333-450L/min, 20-27 m ³ /h, 5283-7133 GPH |
| Running Power | 20-100W |
| Moving Speed | 12m/min (39.4 ft/min) |
| Number of Motors | 4 |
| Charger Input | 100-240VAC~50/60 Hz |
| Running Voltage / Current | 25.2V / 1A |
| Robot NW / GW | 11.6kg / 16.6kg |

| | |
|----------------------------|----------------------------------|
| Product Dimensions (L×W×H) | 507x392x249mm (20.0x15.4x9.8in) |
| Package Dimensions (L×W×H) | 590x445x332mm (23.2x17.5x13.1in) |

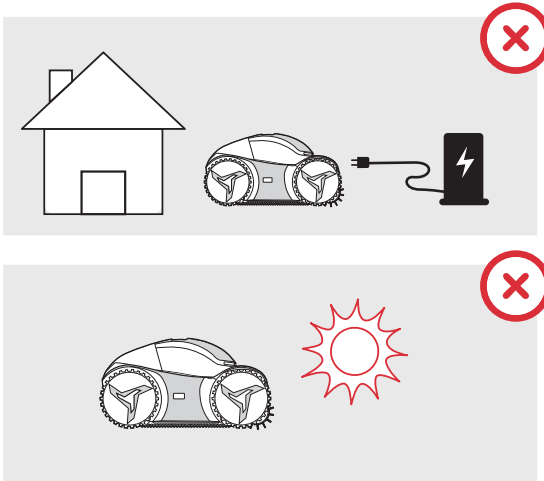
NOTE:

Tested in a pristine 3x8m (9.8x26.2ft) rectangular pool under controlled lab conditions. Actual battery life may vary with pool shape, size, and water quality. The manufacturer reserves the right to modify the above parameters without prior notice.

10 Regulatory & Compliance

Indoor Charging Only

Charge the cleaner indoors in a dry area away from direct sunlight.



Battery Recycling

The unit contains a lithium-ion battery. Recycle batteries at qualified facilities.

Recycling batteries benefits the environment and public health. Do not disassemble or dispose of batteries in household trash or municipal recycling bins.

For complete regulatory statements (FCC Caution, FCC Statement, IC Statement) and manufacturer information, visit: <https://store.igarden.ai/pages/warranty-policy>



Situations Not Covered by Warranty

- Failure to comply with the instructions.
- Product damage caused by misuse or any reason other than manufacturer defects.
- Damage caused by cleaning and maintenance performed by unauthorised third parties.
- Batteries damaged by unauthorised third parties.
- Overcharging the battery using a non-genuine input power cable.
- Using non-genuine accessories that cause the product to malfunction.

11 Warranty

Full Unit (motor, battery, electronics): 3 years

Consumables (brushes, baskets, filters, tracks): 12 months

For Australia market

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

For complete warranty terms—including exclusions, service process, and limitations—please visit:

<https://store.igarden.ai/pages/warranty-policy>

12 Support



Email: support@igarden.ai (AU & US)



Official Website: www.igarden.ai



Facebook: iGarden



Toll-free(AU): (+61)1800-716-885

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www.poolpro.com.au

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Full legal terms and updated specs: <https://store.igarden.ai/pages/warranty-policy>

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Thank you for choosing our Cordless Robotic Pool Cleaner.