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› Beatbot iSkim Ultra Solar Powered Robotic Pool Skimmer Instruction Manual

Beatbot iSkim Ultra

Beatbot iSkim Ultra Robotic Pool Skimmer Instruction Manual

Model: iSkim Ultra

1. PRODUCT OVERVIEW

The Beatbot iSkim Ultra is an intelligent robotic pool skimmer designed to efficiently clean your pool's surface. It features solar power, app control, advanced navigation, and a robust debris collection system.

Precision Surface Cleaning for Any Pool

Effortlessly clears floating debris for a perfectly clean water surface.



Unmatched Versatility for Every Pools

Image: The Beatbot iSkim Ultra robotic pool skimmer in a pool, demonstrating its surface cleaning capability.

2. SETUP

2.1 Initial Placement and Charging

Before first use, ensure the iSkim Ultra is fully charged. The device offers dual charging options: solar power and magnetic wireless charging.

- **Solar Charging:** Place the iSkim Ultra in direct sunlight on the pool surface. The integrated 24W solar panel will charge the 10,000mAh battery. SolarTrack technology optimizes charging by seeking brighter areas.
- **Magnetic Wireless Charging:** For faster charging or during low sunlight conditions, use the provided magnetic charger. Connect the charger to a power outlet and attach it to the designated port on the skimmer. A full charge takes approximately 5 hours.



Image: The Beatbot iSkim Ultra demonstrating its dual charging capabilities: solar charging while floating and magnetic wireless charging when removed from the pool.

2.2 App Connection and Control

The iSkim Ultra connects to a mobile application for advanced control and monitoring. The device supports WiFi (2.4G only) and Bluetooth dual connectivity for stable signal and extended range.

- Download the Beatbot app from your device's app store.
- Follow the in-app instructions to pair your iSkim Ultra.
- Once connected, you can control navigation, adjust speed, schedule cleaning, and monitor water temperature and cleaning status.



Image: A smartphone displaying the Beatbot app interface, highlighting WiFi and Bluetooth connectivity for remote control.

2.3 Initial Operation

After charging and connecting to the app, place the iSkim Ultra gently into the pool. The device will initiate its smart

navigation system, utilizing 20 high-precision sensors and tri-ultrasonic technology for optimized pathfinding and obstacle avoidance.

Intelligent Navigation & Comprehensive Coverage

Intelligent navigation tackles every corner and obstacle, ensuring no spot is missed. Enjoy uninterrupted, efficient cleaning with advanced pathfinding in any pool environment.



20 High-Precision Sensors | Pioneering 3 Ultrasonic Sensors | Intelligent AI Algorithms

Image: A visual representation of the iSkim Ultra's intelligent navigation system, illustrating its S-Path optimization and use of ultrasonic sensors for efficient pool coverage.

3. OPERATING INSTRUCTIONS

3.1 Cleaning Modes and Scheduling

The iSkim Ultra provides continuous 24/7 cleaning. You can schedule cleaning cycles through the Beatbot app. The device uses a 7-motor system for propulsion and precise cleaning, including dual-side brushes for edges and corners, and an extra-large front roller brush for wider coverage.

Beatbot iSkim Ultra

Ultra Smart, Ultra Clean



MUSE
DESIGN
AWARDS



Auto Water Clarification

App Remote Control

Surface, Edge & Corners Debris Cleaning

Powerful 7-Motor System

Dual-Side Brushes

Extra-Large 9L Filter Basket

24/7 Non-Stop Cleaning

Solar & Magnetic Wireless Charging

Image: The Beatbot iSkim Ultra actively cleaning a pool surface, demonstrating its ability to clear floating debris.

3.2 ClearWater Clarification System

The integrated ClearWater system automatically dispenses a clarifying solution to prevent scum buildup and water discoloration, contributing to crystal-clear pool water.

Revolutionary ClearWater Clarification System

Experience clear and healthy water effortlessly with our clarifying agent. Automatically dispensed during cleaning, it transforms cloudy water into pristine clarity.

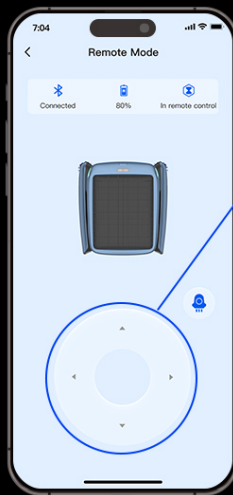


Clarifies up to
99,000 gallons per kit

Image: An illustration of the ClearWater Clarification System, showing the automatic dispensing of clarifying agent into the pool water.

3.3 Remote Control and Monitoring

Use the Beatbot app to remotely control the skimmer, including manual navigation and speed boost. The app also provides real-time updates on cleaning status, water temperature, and environmental temperature.



Remote Control with Speed Boost Button

Easily control your skimmer and accelerate it for faster, targeted cleaning—making pool care fun and efficient.

Image: A smartphone displaying the Beatbot app's remote control interface, allowing users to manually navigate the skimmer.

3.4 Automatic Parking and Retrieval

Upon completion of a cleaning cycle, the iSkim Ultra will autonomously park itself poolside. For immediate retrieval, use the one-click parking function in the app.

Effortless Poolside Parking

After completing its scheduled cleaning, the iSkim Ultra automatically parks itself by the poolside. Need it now? Just hit the dock button on the app for instant pickup!



Image: The Beatbot iSkim Ultra robotically parking itself at the edge of the pool after completing its cleaning cycle.

4. MAINTENANCE

4.1 Filter Basket Cleaning

The iSkim Ultra features a large 9L filter basket with an anti-spill hatch. Regular emptying of the filter basket is crucial for optimal performance.

- To empty, press the release mechanism, open the top, and dispose of collected debris.
- Rinse the basket with water to remove any remaining fine particles.



Image: A person demonstrating the removal of the extra-large 9L filter basket from the Beatbot iSkim Ultra for cleaning.

4.2 General Care

The iSkim Ultra is constructed from chemical and UV-resistant ASA materials for durability. Basic maintenance includes:

- Wiping down the exterior with a soft cloth as needed.
- Ensuring the charging contacts are clean.
- Proper storage during off-season periods.

5. TROUBLESHOOTING

5.1 Obstacle Avoidance and Entanglement

The iSkim Ultra is equipped with advanced sensors for obstacle avoidance. In case of entanglement, the device is designed to automatically turn or back up to free itself.



Image: The Beatbot iSkim Ultra navigating away from an obstacle, illustrating its entanglement escape feature.

5.2 Preventing Skimmer Entrapment

To prevent the iSkim Ultra from getting stuck in pool skimmer openings, consider the following solutions:

- **Solution 1:** Place a foam pool noodle in an arc at the skimmer entrance.
- **Solution 2:** Cut a circular foam piece to fit the skimmer's dimensions and place it inside.
- **Solution 3:** Position a chlorine tablet holder in front of the skimmer opening.



Image: Visual guide showing three methods to prevent the Beatbot iSkim Ultra from becoming trapped in a pool skimmer opening.

5.3 Anti-Stranding Bars

The robot features adjustable built-in anti-stranding bars to prevent it from getting stuck on shallow stairs or other pool structures. There are 4 bars in total.

- To deploy: Pull down the anti-stranding bars. Adjust them simultaneously to keep the robot balanced.
- To retract: Push up on the bars until they securely lock into place.

Important Tips:

- If there is a rope floating in the pool, do not use anti-stranding bars to prevent entanglement.
- Always retract the anti-stranding bars when moving the robot.



Image: A diagram illustrating the deployment and retraction of the anti-stranding bars on the iSkim Ultra.

6. SPECIFICATIONS

Feature	Detail
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Brand	Beatbot
Model Name	iSkim Ultra
Material	Acrylonitrile Butadiene Styrene (ABS), Polypropylene, or ASA
Color	Ice Blue
Product Dimensions (L x W x H)	18" x 17" x 9"
Item Weight	17 pounds
Power Source	Solar-Powered & Battery Powered
Battery Type	Lithium-Ion (1 included)
Battery Energy Content	67.68 watt-hours
Filter Basket Capacity	9 liters
Control Method	App
Special Features	20 Sensors, 7 Motors, 24W Solar Panel, 10,000 mAh Battery, Water Clarification System, Dual Charging, Dual-Side Brushes, S-Path Optimization, Voice Broadcast

7. WARRANTY

The Beatbot iSkim Ultra comes with a limited warranty. Please refer to the product packaging or the official Beatbot website for specific warranty terms and conditions.

8. SUPPORT

For further assistance, including anti-stuck foam and installation instructions, please contact Beatbot customer service. The device also supports Over-The-Air (OTA) updates to ensure peak performance and access to the latest features.

OTA Performance Software Upgrades

Stay up-to-date with the latest performance enhancements via over-the-air updates, ensuring peak operation.

Image: A smartphone displaying an Over-The-Air (OTA) update screen, indicating the iSkim Ultra's ability to receive performance enhancements.

8.1 Helpful Video: Attaching Accessories

Your browser does not support the video tag.

Video: This video from Beatbot Tech provides a tip for attaching a pool dispenser or thermometer to the iSkim Ultra.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question