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MAYTRONICS S50

Dolphin S50 Robotic Pool Cleaner User Manual

Model: S50 | Brand: MAYTRONICS

INTRODUCTION

The Dolphin S50 Robotic Pool Cleaner is an advanced, lightweight, and compact solution designed for efficient cleaning of small pools up to 8 meters in length, including above-ground pools. It features smart navigation, active brushing, and single-level filtration to ensure a clean and healthy swimming environment. This manual provides essential information for the safe and effective operation and maintenance of your Dolphin S50.



Figure 1: Dolphin S50 Robotic Pool Cleaner, front view showing the blue PVC brushes and tracks.

SAFETY INFORMATION

Please read all safety instructions carefully before operating the Dolphin S50. Failure to follow these instructions may result in damage to the product, property, or personal injury.

- Always disconnect the power supply before performing any maintenance or cleaning.
- Do not operate the cleaner if the power cable is damaged. Contact authorized service for repair.
- Ensure the power supply unit is placed at least 3.5 meters (11.5 feet) from the edge of the pool.
- Do not enter the pool while the cleaner is operating.
- Use only the original power supply unit provided with the cleaner.
- Keep the power supply unit away from water and direct sunlight.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Dolphin S50 Robotic Pool Cleaner Unit
- Power Supply Unit
- Fine Filter Basket (pre-installed)
- User Manual (this document)

Note: Caddy and caddy cover are not included and must be purchased separately.



Figure 2: Dolphin S50 shown with optional caddy and cover, which are sold separately.

SETUP

1. Positioning the Power Supply Unit

Place the power supply unit at least 3.5 meters (11.5 feet) from the edge of the pool. Ensure it is in a shaded area and not exposed to direct sunlight or standing water.

2. Connecting the Cleaner to the Power Supply

Connect the floating cable from the cleaner to the power supply unit. Ensure the connector is fully inserted and secured.

3. Placing the Cleaner in the Pool

Gently lower the Dolphin S50 into the pool. Allow it to sink to the bottom, releasing any trapped air bubbles. Ensure the floating cable is untangled and spread out on the water surface to prevent tangling during operation.



Figure 3: Gently lowering the Dolphin S50 into the pool.

4. Connecting the Power Supply to the Mains

Plug the power supply unit into a grounded electrical outlet. The cleaner is now ready for operation.

OPERATING INSTRUCTIONS

Starting a Cleaning Cycle

1. Ensure the cleaner is properly submerged and the cable is untangled.
2. Press the ON/OFF button on the power supply unit. The cleaner will begin its cleaning cycle.
3. The Dolphin S50 utilizes CleverClean technology for smart navigation, ensuring optimal coverage of the pool floor.

CleverClean™

SCANNING



Figure 4: The Dolphin S50 uses CleverClean technology for efficient pool scanning and navigation.

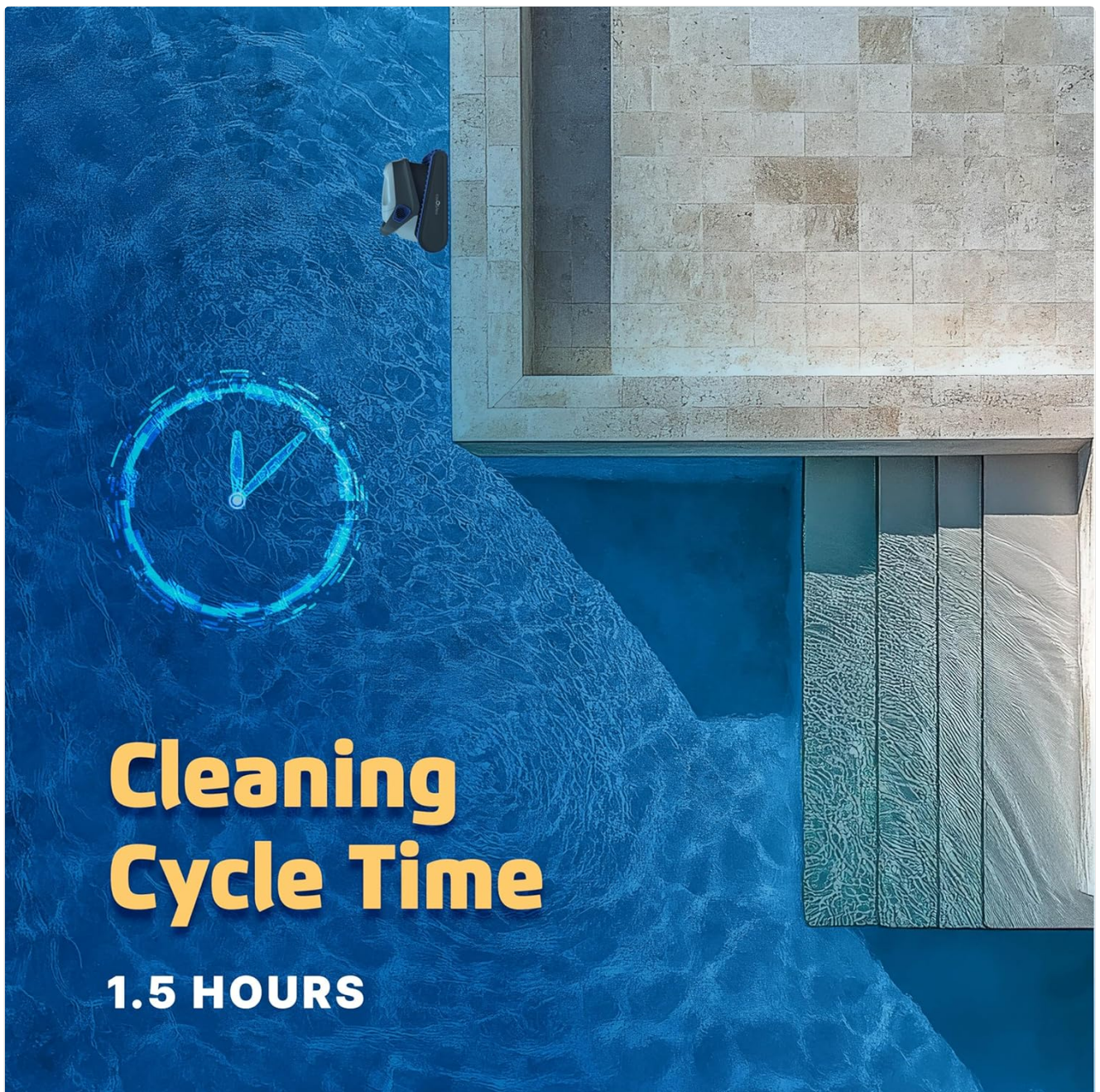


Figure 5: The Dolphin S50 completes a full cleaning cycle in approximately 1.5 hours.

Ending a Cleaning Cycle / Retrieving the Cleaner

1. Once the cleaning cycle is complete (approximately 1.5 hours), the cleaner will automatically shut off.
2. To retrieve the cleaner, pull the floating cable gently until the cleaner reaches the surface.
3. Use the handle to lift the cleaner out of the water. Allow excess water to drain from the cleaner before placing it on the pool deck.



Figure 6: The Dolphin S50 features a "Pick-me-up" mode for easy retrieval from the pool.

4. Disconnect the cleaner from the power supply unit.

MAINTENANCE

Cleaning the Filter Basket

It is recommended to clean the filter basket after each cleaning cycle to maintain optimal performance.

1. Ensure the cleaner is disconnected from the power supply.
2. Open the filter compartment cover (top access).
3. Remove the filter basket.
4. Open the latches on the filter basket and separate the filter panels.
5. Rinse the filter panels thoroughly with a garden hose until all debris is removed.
6. Reassemble the filter basket and place it back into the cleaner. Close the filter compartment cover securely.



Figure 7: The top-access filter system allows for easy removal and cleaning of the filter basket.

Cleaning the PVC Brushes

Periodically inspect the PVC brushes for any trapped debris or wear. Clean them as needed to ensure effective scrubbing.

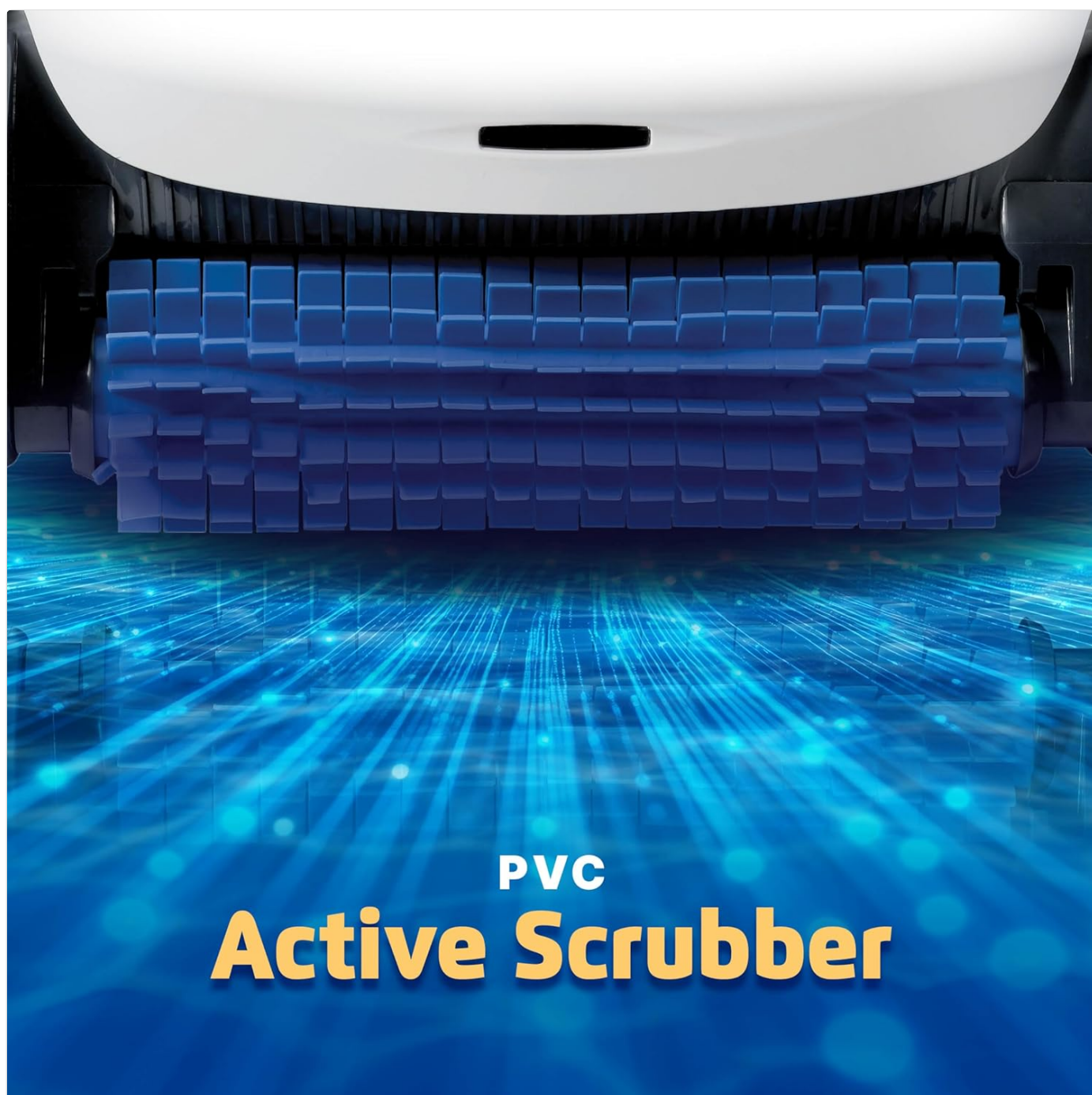


Figure 8: The Dolphin S50 features active PVC scrubbers for thorough cleaning of pool surfaces.

Storage

When not in use, store the Dolphin S50 in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cable is neatly coiled to prevent kinks or damage.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------------|--|--|
| Cleaner does not start. | No power to the unit; cable not connected; power supply fault. | Check power outlet; ensure cable is securely connected; contact support if power supply is faulty. |
| Cleaner moves slowly or erratically. | Clogged filter basket; propeller obstructed; excessive cable tangling. | Clean filter basket; check for debris in propeller; untangle cable. |

| Problem | Possible Cause | Solution |
|----------------------------------|--|---|
| Cleaner does not pick up debris. | Full or clogged filter basket; worn brushes. | Clean filter basket thoroughly; inspect and replace brushes if necessary. |
| Cleaner floats or does not sink. | Air trapped inside cleaner. | Gently shake the cleaner underwater to release trapped air. |

SPECIFICATIONS

| Feature | Detail |
|---------------------|---|
| Model Name | S50 |
| Brand | MAYTRONICS |
| Ideal Pool Length | Up to 8 meters |
| Cleaning Cycle Time | 1.5 hours |
| Filtration | Single-Level Filtration with Fine Filters (upgradeable to ultra-fine) |
| Brushing | Active PVC Brushes |
| Navigation | CleverClean Smart Navigation |
| Cable Length | 12 meters |
| Power Source | Mains/Electric |
| Item Weight | 6.5 Kilograms |
| Product Dimensions | 60L x 50W x 52H centimetres |
| Material | Polyvinyl Chloride (PVC) |
| Color | White and Blue |



Figure 9: The Dolphin S50 is designed for pools up to 8 meters in length.



Figure 10: The compact design of the Dolphin S50 makes it ideal for small pools.

WARRANTY & SUPPORT

The Dolphin S50 Robotic Pool Cleaner comes with a **2-year limited warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or service inquiries, please contact Maytronics Australia directly or refer to their official website for contact information.

It is recommended to register your product upon purchase to facilitate any future support needs.






Figure 11: For ease of transport and storage, an optional caddy is available.

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Related Documents - S50

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|--|---|
| | <p>Maytronics Dolphin Robotic Pool Cleaner M600/ZENIT 60/ACTIVE 6/X6/ULTIMATE User Manual</p> <p>User instructions and troubleshooting guide for Maytronics Dolphin M600, ZENIT 60, ACTIVE 6, ACTIVE X6, and ACTIVE ULTIMATE robotic pool cleaners. Learn about setup, maintenance, app usage, and problem-solving.</p> |
| | <p>Maytronics Dolphin M600/ZENIT 60/ACTIVE X6/ACTIVE ULTIMATE Robotic Pool Cleaner User Instructions</p> <p>User instructions for the Maytronics Dolphin M600, ZENIT 60, ACTIVE X6, and ACTIVE ULTIMATE robotic pool cleaners, covering setup, operation, maintenance, troubleshooting, and safety guidelines.</p> |
| | <p>Maytronics Dolphin LIBERTY 600 Robotic Pool Cleaner User Manual</p> <p>Comprehensive user manual for the Maytronics Dolphin LIBERTY 600 robotic pool cleaner, covering setup, operation, maintenance, troubleshooting, and app integration. Learn how to get started, clean your pool effectively, and maintain your device for optimal performance.</p> |

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| <div><div>Robotic Pool Cleaner LIBERTY</div><div><div>LIBERTY™ 600</div><div>Original User Instructions</div></div><div></div><div><div>maytronics</div><div></div></div></div> | <p>Maytronics LIBERTY 600 Robotic Pool Cleaner User Manual</p> <p>Comprehensive user instructions and troubleshooting guide for the Maytronics LIBERTY 600 Cordless Robotic Pool Cleaner, covering setup, operation, maintenance, and app connectivity.</p> |
| <div><div>Maytronics Dolphin Robotic Pool Cleaner</div><div><div>LIBERTY™</div><div><div>EN Safety Instructions 1-2</div><div>FR Instructions de sécurité 3-4</div><div>DE Instruktion de sécurité 5-6</div><div>ES Instrucciones de seguridad 7-8</div><div>PT Instruções de segurança 9-10</div><div>NL Veiligheidsinstructies 11-14</div></div><div></div><div><div>maytronics</div><div>www.maytronics.com</div></div></div></div> | <p>Maytronics Dolphin LIBERTY Robotic Pool Cleaner - Safety Instructions and Specifications</p> <p>Comprehensive safety instructions, technical specifications, and environmental information for the Maytronics Dolphin LIBERTY robotic pool cleaner, presented in English and referencing multiple languages.</p> |
| <div><div>M550, ZENIT 55, ULTIMATE SMART, ACTIVE X55 Maytronics Dolphin Robotic Pool Cleaner</div><div><div>EN</div><div>User Instructions</div></div><div></div><div><div>maytronics</div><div>Dolphin Cleaners</div></div></div> | <p>Maytronics Dolphin M550 Robotic Pool Cleaner User Manual</p> <p>Comprehensive user instructions and troubleshooting guide for the Maytronics Dolphin M550 Robotic Pool Cleaner, covering setup, operation, maintenance, and app connectivity.</p> |