Dolphin Niya Sonar F3

Niya Sonar F3 Robotic Pool Cleaner User Manual

Model: Niya Sonar F3 | Brand: Dolphin

1. INTRODUCTION

Thank you for choosing the Niya Sonar F3 Robotic Pool Cleaner. This wireless robot is designed to provide comprehensive and efficient cleaning for your pool, covering the bottom, walls, and waterline. Equipped with intelligent Sonar technology, it ensures precise navigation and thorough cleaning with minimal effort. Please read this manual carefully before operating your device to ensure safe and optimal performance.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances, especially near water.

- Do not operate the cleaner if the power cord or plug is damaged.
- Ensure the power outlet is protected by a Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD).
- Keep children and pets away from the pool area while the cleaner is operating.
- Do not enter the pool while the cleaner is in operation.
- Always disconnect the cleaner from the power supply before performing any maintenance or cleaning.
- Use only original replacement parts and accessories.
- Store the cleaner in a cool, dry place when not in use.

3. PRODUCT OVERVIEW

The Niya Sonar F3 is a high-quality, wireless robotic pool cleaner designed for efficient and thorough cleaning.

Key Features:

- **Complete Pool Coverage:** Cleans the pool bottom, walls, and waterline.
- **Smart Sonar Technology:** Enables intelligent maneuverability and precise navigation for optimal cleaning.
- **Powerful Performance:** Equipped with two suction motors for comprehensive cleaning.

- **Easy to Use:** Simple one-click start operation.
- **Wireless Design:** Offers freedom of movement without tangled cords.

Components:

Figure 3.1: Front view of the Niya Sonar F3 Robotic Pool Cleaner, showcasing its sleek design and track system.

Figure 3.2: The Niya Sonar F3 cleaner positioned beside a pool, with its top cover and filter basket detached, illustrating easy access for cleaning.

4. SETUP

1. **Unpack the Cleaner:** Carefully remove the Niya Sonar F3 from its packaging. Ensure all components are present.
2. **Initial Charging:** Before first use, fully charge the robot. Connect the charging cable to the robot and then to a power outlet. The charging indicator will show the charging status. Charging typically takes approximately 2.5 hours.
3. **Prepare the Pool:** Ensure the pool water is within the recommended temperature range (typically 10°C - 35°C / 50°F - 95°F) and that chemical levels are balanced. Remove any large debris manually if necessary.
4. **Place in Pool:** Gently lower the cleaner into the pool. The cleaner will slowly sink to the bottom. Ensure no air bubbles are trapped inside.

Figure 4.1: A hand connecting the charging cable to the Niya Sonar F3, demonstrating the charging process before operation.

5. OPERATION

1. **Start Cleaning:** Once the cleaner is submerged and settled at the bottom of the pool, press the power button (usually a single button on the top of the unit) to initiate the cleaning cycle. The cleaner will begin its programmed cleaning path.

2. **Cleaning Cycle:** The Niya Sonar F3 will automatically navigate and clean the pool's bottom, walls, and waterline using its intelligent sonar technology. A full cleaning cycle typically lasts for 2 hours.

3. **Automatic Shut-off:** The cleaner will automatically shut off once the cleaning cycle is complete or when its battery is low.

4. **Retrieve from Pool:** When the cleaning cycle is finished, gently pull the cleaner out of the water using its handle. Allow excess water to drain before removing it completely.

Figure 5.1: The Niya Sonar F3 actively cleaning the bottom of a swimming pool, demonstrating its efficient movement and

suction capabilities.

Figure 5.2: The Niya Sonar F3 ascending a pool wall, illustrating its ability to clean vertical surfaces and the waterline effectively.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Niya Sonar F3.

1. **Clean the Filter Basket:** After each cleaning cycle, remove the filter basket from the cleaner. Rinse it thoroughly with a garden hose to remove all trapped debris. Ensure the filter is completely clean before reinserting.

2. **Clean the Cleaner Body:** Rinse the exterior of the cleaner with fresh water to remove any pool chemicals or debris. Do not use harsh chemicals or abrasive materials.

3. **Inspect Brushes/Tracks:** Periodically check the brushes and tracks for wear or trapped debris. Clean them as needed.

4. **Storage:** When not in use for extended periods, store the cleaner in a cool, dry, and shaded area. Ensure the battery is charged before storage to prolong its life.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cleaner does not start.	Battery is low or depleted.	Charge the cleaner fully.
Cleaner moves slowly or inefficiently.	Filter basket is full or clogged.	Clean the filter basket thoroughly.
Cleaner does not climb walls.	Water chemistry imbalance; Air trapped inside; Worn brushes/tracks.	Check water chemistry; Re-submerge cleaner to release air; Inspect and clean/replace brushes/tracks.

Problem	Possible Cause	Solution
Cleaner stops mid-cycle.	Battery depleted; Obstruction.	Recharge the cleaner; Check for and remove any obstructions.

8. SPECIFICATIONS

Feature	Detail
Model Name	Niya Sonar F3
Brand	Dolphin
Product Dimensions (L x W x H)	42.6 x 38.4 x 25.4 cm (16.77 x 15.12 x 10 inches)
Item Weight	8.7 Kilograms (19.18 lbs)
Material Type	Plastic
Power Source	Battery Powered (Rechargeable)
Special Features	Intelligent Navigation, Complete Cleaning, Wireless
Control Method	Touch
Maximum Load Capacity	17.4 Kilograms (38.36 lbs)
Efficiency	Effective, Efficient, High efficiency
Installation Type	Robotic

9. WARRANTY AND SUPPORT

The Niya Sonar F3 Robotic Pool Cleaner comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact Dolphin customer service. Refer to the product packaging or the Dolphin official website for contact details.

Online Resources: For additional information, FAQs, and video tutorials, visit the official Dolphin website or the Niya product page.