Dolphin Sonar 20

Dolphin Niya Sonar 20 Cordless Robotic Pool Cleaner User Manual

Model: Sonar 20

INTRODUCTION

Thank you for choosing the Dolphin Niya Sonar 20 Cordless Robotic Pool Cleaner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new pool cleaner. The Niya Sonar 20 is designed for floor cleaning in above-ground and small in-ground pools up to 26 feet in length, offering a convenient and effective solution for maintaining pool cleanliness.

Figure 1: Dolphin Niya Sonar 20 Robotic Pool Cleaner

SETUP

1. **Unboxing and Initial Inspection:** Carefully remove the cleaner and all accessories from the packaging. Inspect for any visible damage. Ensure all components listed in the packing list are present.

2. **Charging the Cleaner:** Before first use, fully charge the Niya Sonar 20. Connect the splash-proof charger to a suitable outdoor power outlet and then to the cleaner's charging port. A full charge typically takes approximately 1.5 hours. The cleaner is designed for safe and reliable outdoor charging.

3. **Placing in the Pool:** Once fully charged, gently lower the cleaner into the pool. Ensure it sinks to the bottom completely before activation.

Figure 2: Charging the Niya Sonar 20

OPERATING INSTRUCTIONS

1. **Starting a Cleaning Cycle:** Press the power button located on the cleaner. The cleaner will begin its sonar-guided cleaning cycle.

2. **Sonar-Smart Cleaning:** The Niya Sonar 20 utilizes sonar technology to map your pool's floor, ensuring precise navigation and thorough cleaning. It systematically glides across the pool bottom, collecting debris.

3. **Cleaning Duration:** The cleaner operates for approximately 1.5 hours on a full charge.

4. **Smart Park Feature:** When the battery level is low or the cleaning cycle is complete, the Sonar 20 will automatically navigate to the nearest pool wall for easy retrieval. This eliminates the need to fish for the cleaner in the middle of the pool.

5. **Retrieving the Cleaner:** Once the cleaner has parked itself by the wall, carefully lift it out of the water using the handle. Allow excess water to drain before removing it completely from the pool.

Figure 3: Niya Sonar 20 in operation
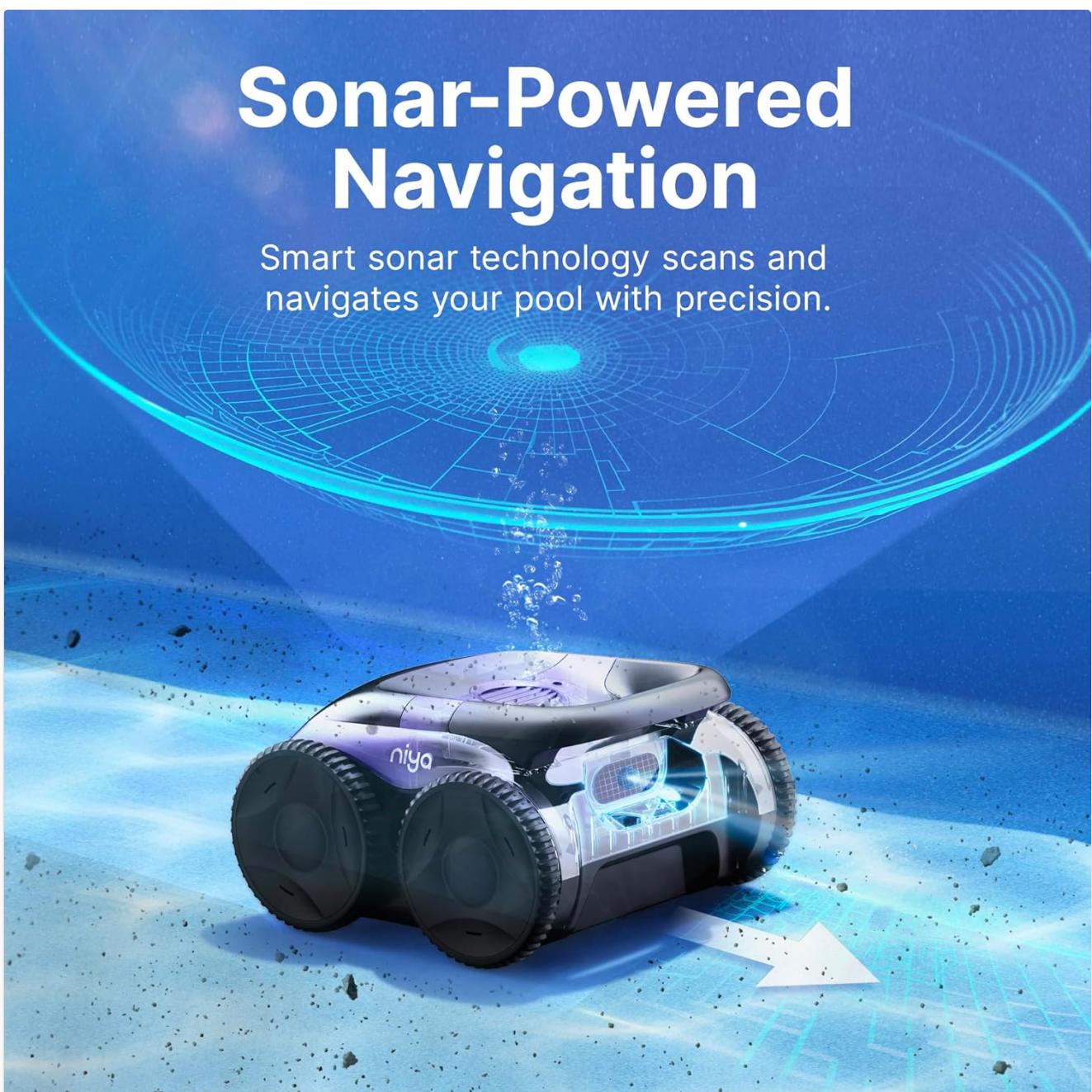
Figure 4: Sonar-Powered Navigation

Figure 5: Smart Parking feature

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Niya Sonar 20.

- **Cleaning the Filter Basket:** After each cleaning cycle, remove the filter basket and rinse it thoroughly with a garden hose. Ensure all debris is removed. The filter basket is designed for easy access and cleaning.
- **General Cleaning:** Periodically wipe down the exterior of the cleaner with a soft cloth to remove any residue or buildup.
- **Storage:** When not in use for extended periods, store the cleaner in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is charged before storage.

TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Cleaner does not start	Battery is depleted; Power button not pressed correctly.	Ensure the cleaner is fully charged. Press the power button firmly.
Poor cleaning performance	Filter basket is full; Obstruction in the cleaner; Pool water chemistry imbalance.	Clean the filter basket. Check for and remove any obstructions. Ensure pool water is balanced.
Battery not holding charge	Charger malfunction; Battery degradation.	Verify the charger is working correctly. Contact customer support if the issue persists after verifying the charger.
Cleaner does not park by wall	Obstruction preventing movement; Sensor issue.	Check for any large debris or obstacles near the pool walls. Ensure the cleaner's sensors are clean.

SPECIFICATIONS

Model Name: Sonar 20

Item Model Number: 07.009.0011

Brand: Dolphin (Niya)

Power Source: Battery Powered

Battery Type: Rechargeable Lithium-Ion (1 battery included)

Number of Lithium-ion Cells: 1

Lithium Battery Energy Content: 7800 Watt Hours

Charging Time: 1.5 Hours

Item Weight: 10.01 pounds (4.55 Kilograms)

Product Dimensions: 16"L x 11.5"W x 16"H (approx. 12 x 12 x 12 inches)

Installation Type: Robotic

UPC: 810071222900

WARRANTY

The Dolphin Niya Sonar 20 Cordless Robotic Pool Cleaner comes with a Limited Warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration of coverage. Retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Dolphin Store or contact customer service through the details provided on your product packaging or warranty documentation.

Official Brand Store: Dolphin Store on Amazon