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## BUBLUE F10

# BUBLUE F10 Pool Surface Skimmer Robot Instruction Manual

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## 1. PRODUCT OVERVIEW

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The BUBLUE F10 Pool Surface Skimmer Robot is an advanced cleaning device designed to maintain the cleanliness of your pool's surface. It is suitable for both in-ground and above-ground pools up to 538 sq. ft. The F10 incorporates intelligent features for efficient debris removal and user-friendly operation.

### Key Features:

- **Dual-Layer Filtration:** Equipped with a 5L filter basket and a filter pad to capture leaves, twigs, oil, and sand.
- **Dual Cleaning Modes:** Offers Auto Mode for general coverage and Corner Boost Mode for focused cleaning in pool corners.
- **AI Navigation:** Utilizes Bluesonic AI path planning for optimal coverage and efficient movement.
- **App Control:** Connects via Wi-Fi or Bluetooth for remote control, mode selection, battery monitoring, and OTA updates.
- **Smart Escape Function:** Engineered to avoid getting stuck at skimmers, steps, and other obstacles.
- **Auto Overflow Guard:** Automatically sinks during cleaning and floats to secure debris when stopped.
- **Durable Construction:** Built from UV-resistant, eco-conscious materials and rigorously tested for reliability.



Figure 1: The BUBBLUE F10 Pool Surface Skimmer Robot operating in a pool.

## 2. SETUP GUIDE

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### 2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and undamaged. The package typically includes the robotic pool cleaner, charger, user manual, hook, two filtration cotton pads, and eight overflow-prevention nets.

### 2.2 Charging the Robot

1. Connect the charger to a power outlet and to the charging port on the robot.

2. The LED indicator light will show **Green** during charging.
3. Allow approximately 4 hours for a full charge. The LED will change color when fully charged (refer to Section 3.3 for LED indicators).

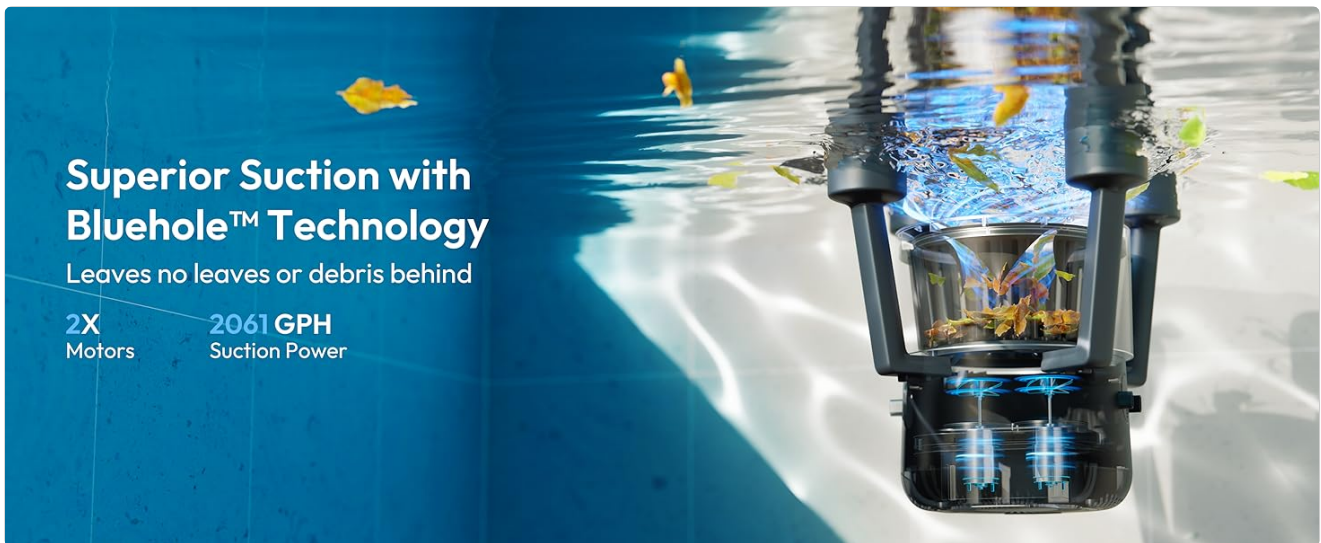


Figure 2: Included components with the BUBLUE F10 Pool Surface Skimmer Robot.

## 2.3 App Download and Connection

1. Download the official BUBLUE app from your device's app store.
2. Ensure the robot is charged and powered on.
3. Open the app and follow the on-screen instructions to connect the robot via Wi-Fi (2.4G Wi-Fi only) or Bluetooth.
4. Once connected, you can control the robot and monitor its status through the app.

Video 1: Demonstrates the process of connecting the F10 Automatic Pool Skimmer to the mobile application.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Powering On/Off

- To power on, press and hold the power button on the robot until the LED indicator illuminates.
- To power off, press and hold the power button until the LED indicator turns off.

### 3.2 Cleaning Modes

The BUBLUE F10 offers two primary cleaning modes, selectable via the mobile app:

- **Auto Mode:** Provides seamless surface coverage for the entire pool. The robot uses Bluesonic AI path planning to navigate efficiently.
- **Corner Boost Mode:** Designed for enhanced cleaning in pool corners. The cleaner pauses after wall contact and focuses on deep cleaning corners for 15 minutes using Bluestream active suction technology.

# 3-in-1 Robotic Pool Skimmer

## 2 Cleaning Modes with Smart App Control



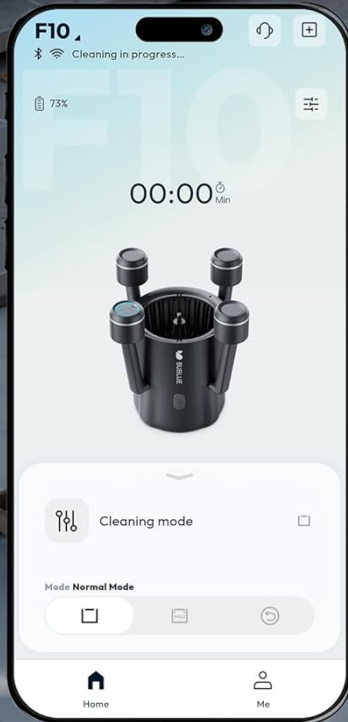
Auto Mode



Corner Boost Mode



One-Tap Docking



Note: Supports Wi-Fi & Bluetooth connection (2.4G Wi-Fi only); OTA updates available.

Figure 3: The mobile app interface for selecting cleaning modes and controlling the F10 robot.

### 3.3 LED Indicator Lights

The LED indicator lights provide real-time status information:

- **Blue:** Normal Operation (Battery 20%-100%)
- **Yellow:** Low Power / Self-Parking (Robot will automatically return to the waterline)
- **Green:** Charging
- **Red:** Fault (Refer to troubleshooting section)



Figure 4: LED status light for monitoring and nighttime visibility.

### 3.4 Smart Retrieval and Docking

The F10 robot is designed for convenient retrieval:

- The robot will automatically dock at the waterline when its battery is low.
- You can initiate one-tap docking at any time via the mobile app.
- Use the provided hook to safely retrieve the robot from the pool.

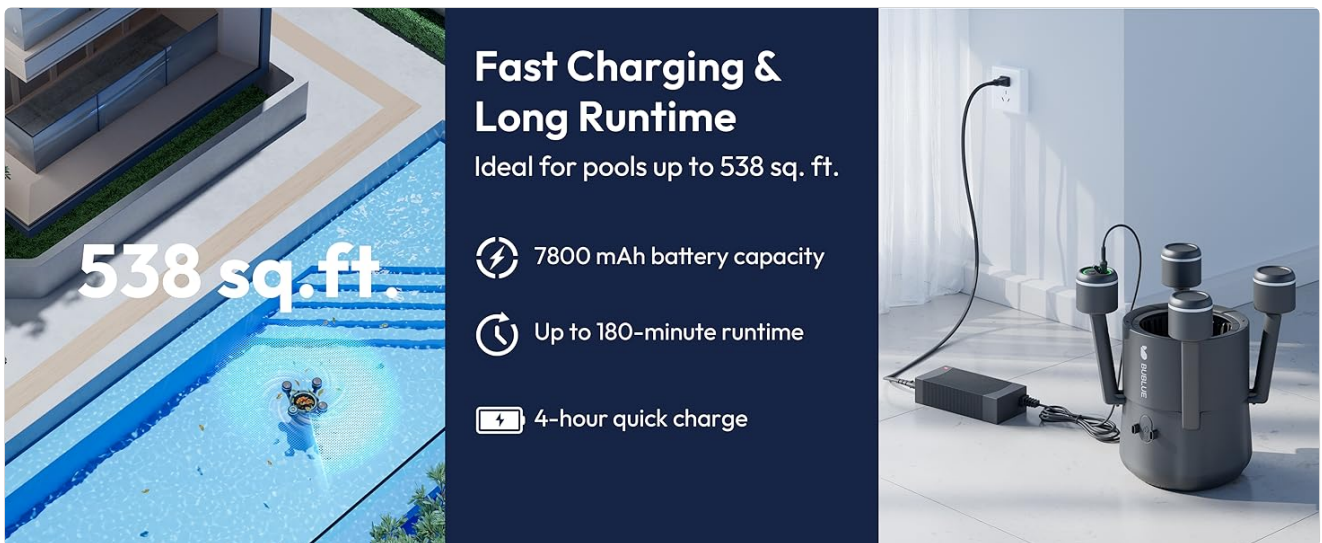


Figure 5: Smart retrieval of the F10 robot using the app and hook.

## 4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your BUBBLE F10 robot.

### 4.1 Cleaning the Filter System

1. Remove the filter basket from the robot.
2. Empty any collected debris from the filter basket.
3. Remove the filter pad and the overflow prevention net.
4. Thoroughly rinse the filter basket, filter pad, and overflow prevention net with clean water.
5. Ensure all components are dry before reassembling them into the robot.

# Two-Stage Filtration, Double Purity

**5L**  
Filter Basket

**350+**  
Leaves & Twigs

**Max. 35 PPI**  
Filtration Density



Figure 6: The dual-layer filtration system of the F10, showing the filter basket and filter pad.



## All in One

- 1\*Robotic Pool Cleaner
- 1\*Charger
- 1\*User Manual
- 1\*Hook
- 2\*Filtration Cotton Pad
- 8\*Overflow-prevention Net

Figure 7: Easy maintenance: rinsing the filter basket with clean water.

## 4.2 General Cleaning

Wipe down the exterior of the robot with a soft, damp cloth as needed to remove any residue or buildup.

## 5. TROUBLESHOOTING

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If you encounter issues with your BUBLUE F10, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not turn on.	Low battery; Power button not pressed correctly.	Charge the robot fully; Press and hold the power button until the LED illuminates.
Robot not cleaning effectively.	Full filter basket; Clogged filter pad; Obstruction in suction area.	Empty and clean the filter basket and filter pad; Check for and remove any obstructions.
App connection issues.	Incorrect Wi-Fi band (only 2.4G supported); Bluetooth not enabled; Robot too far from device.	Ensure 2.4G Wi-Fi is used; Enable Bluetooth; Move closer to the robot; Restart both robot and app.
Robot gets stuck.	Unusual pool obstacles; Smart Escape function malfunction.	Manually reposition the robot; Ensure no large floating objects are impeding movement. If persistent, contact support.
Red LED indicator.	General fault or error.	Power off and restart the robot. If the issue persists, contact customer support.

## 6. PRODUCT SPECIFICATIONS

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Feature	Detail
Brand	BUBLUE
Model Name	Pool Surface Skimmer Robot
Model Number	F10
Material	Plastic
Color	Space Gray
Product Dimensions (L x W x H)	13" x 13" x 15"
Power Source	Battery Powered
Control Method	App
Voltage	11.1 Volts
Battery Type	Lithium-Ion (1 Nonstandard Battery included)
Lithium Battery Energy Content	86.58 Watt Hours

Feature	Detail
Charging Time	4 Hours
Capacity (Filter Box)	5 Liters
Max Pool Size	Up to 538 sq. ft.
Required Assembly	No
Installation Type	Robotic

## 7. WARRANTY & SUPPORT

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### 7.1 Product Warranty

The BUBLUE F10 Pool Surface Skimmer Robot comes with a **2-year warranty**. This warranty covers manufacturing defects and ensures reliable performance under normal use conditions. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact BUBLUE customer support. Contact information can typically be found on the product packaging or the official BUBLUE website.



Figure 8: BUBLUE's commitment to customer care and support.