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ILIFE A20

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ILIFE A20 Robot Vacuum and Mop Combo Instruction Manual

Model: A20 | Brand: ILIFE

1. INTRODUCTION

Welcome to the ILIFE A20 Robot Vacuum and Mop Combo user manual. This guide provides essential information for setting up, operating, and maintaining your new robotic cleaner. The ILIFE A20 is designed to provide efficient and thorough cleaning for your home with advanced features.

Key features include:

- **Efficient LiDAR Navigation:** Advanced LiDAR technology with a precise SLAM algorithm for accurate mapping and optimal cleaning routes.
- **Real 2-in-1 Vacuum and Mop:** Simultaneous vacuuming and mopping with a 300ml dustbin and 200ml water tank, reducing cleaning time.
- **Up to 3000Pa Strong Suction:** Four adjustable suction modes (Quiet, Standard, Strong, Max) with automatic power increase on carpets.
- **Powerful App Control:** Full control via the ILIFECLEAN App, including room selection, custom schedules, water volume, suction power, and no-go zones (2.4GHz WiFi only).

- **120mins Runtime and Smart Battery Recharge:** Extended cleaning time with automatic return to charge and resume cleaning.
 - **Convenient Voice Control:** Compatible with Alexa and Google Home for easy voice commands.
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2. PACKAGE CONTENTS

Please ensure all items are present in the package:

- Main Body (ILIFE A20 Robot Vacuum)
 - Charging Dock
 - 2-in-1 Dustbin & Water Tank
 - Mopping Support
 - Mop Cloth
 - Extra Side Brush (2 pieces)
 - Power Adapter
 - Cleaning Tool
 - High Performance Filter
 - User Manual
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3. PRODUCT OVERVIEW

Familiarize yourself with the components and features of your ILIFE A20 robot vacuum.



Image: The ILIFE A20 Robot Vacuum and Mop Combo, showcasing its sleek design.



Image: The ILIFE A20 utilizing its LiDAR navigation system to map a room, illustrating 10m range detection, 4k times/s scanning, and efficient path cleaning.

Vacuums and



Image: The ILIFE A20 simultaneously vacuuming and mopping a hard floor, demonstrating its 2-in-1 functionality with a visible water trail.

Image: The ILIFE A20 demonstrating its 3000Pa strong suction power, effectively picking up debris from a hard floor.

Image: A smartphone displaying the ILIFECLEAN App interface for controlling the A20, alongside the robot and a smart speaker, highlighting app and voice control capabilities.

4. SETUP

4.1 Charging Dock Placement

Place the charging dock against a wall in an open area, ensuring there are no obstacles within 1 meter (3 feet) to either side and 2 meters (6 feet) in front of the dock. Connect the power adapter to the charging dock and plug it into a power outlet.

4.2 Initial Charging

Place the robot on the charging dock. Ensure the charging pins on the robot align with those on the dock. The indicator light on the robot will show its charging status. For first-time use, fully charge the robot for at least 6 hours.

Image: The ILIFE A20 robot vacuum automatically returning to its charging dock, illustrating the auto-recharge feature.

4.3 App Connection (ILIFECLEAN App)

Download the 'ILIFECLEAN' app from your smartphone's app store. Follow the in-app instructions to connect your ILIFE A20 to your 2.4GHz WiFi network. Ensure your phone is connected to a 2.4GHz network during the setup process.

4.4 Voice Control Setup

Once connected to the app, you can link your ILIFE A20 to Amazon Alexa or Google Home for convenient voice commands. Refer to the app's settings for detailed instructions on integrating with smart home assistants.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** Press and hold the power button on the robot for 3 seconds until the indicator light turns on.
- **Power Off:** Press and hold the power button for 5 seconds until the indicator light turns off.

5.2 Cleaning Modes

The ILIFE A20 offers various cleaning modes:

- **Auto Cleaning:** The robot intelligently plans a cleaning path for comprehensive coverage.
- **Spot Cleaning:** Focuses on a specific area for intensive cleaning.

- **Edge Cleaning:** Cleans along walls and furniture edges.
- **Scheduled Cleaning:** Set cleaning times via the app for automated cleaning.

Image: A visual representation of the ILIFE A20's scheduled cleaning feature, showing different rooms being cleaned at specific times.

5.3 Water Tank Operation (Mopping)

- **Add Water:** Open the water injection cap on the 2-in-1 tank, fill with clean water, and securely close the cap.
- **Attach Mop Cloth:** Securely attach the mop cloth to the mopping support.
- **Install Water Tank:** Slide the assembled water tank and mopping support into the robot until it clicks into place.
- **Adjust Water Flow:** Use the app to select from 3 adjustable water volume levels (low, medium, high) based on your floor type and cleaning needs.

5.4 Setting No-Go Zones

Using the ILIFECLEAN app, you can define virtual boundaries or "no-go zones" to prevent the robot from entering specific areas. This is useful for protecting delicate items or areas you don't want cleaned.

Image: The ILIFE A20 robot vacuum avoiding a designated "No-go Zone" around a pet's play area, demonstrating the virtual boundary feature.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your ILIFE A20.

6.1 Cleaning the Dustbin and Filters

- Press the dustbin release button and remove the 2-in-1 dustbin.
- Empty debris from the dustbin.
- Remove the high-performance filter and sponge filter. Tap them to remove dust. Rinse the dustbin and filters with water if necessary, ensuring they are completely dry before reinstallation.

6.2 Cleaning Brushes

- **Main Brush:** Remove the main brush cover and lift out the main brush. Use the cleaning tool to remove hair and debris tangled around the brush.
- **Side Brushes:** Gently pull the side brushes to remove them. Clean any hair or debris. Replace if worn.

6.3 Cleaning Sensors and Charging Pins

Wipe the cliff sensors, infrared receiver sensor, and charging pins on both the robot and the charging dock with a clean, dry cloth.

7. TROUBLESHOOTING

If you encounter issues with your ILIFE A20, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Robot does not power on	Low battery; Power switch off	Charge the robot; Turn on the power switch
Robot cannot charge	Charging pins not connected; Charging dock unplugged	Ensure charging pins are clean and connected; Plug in the charging dock
Robot gets stuck frequently	Cables/obstacles on floor; Narrow spaces	Clear cables and small objects; Use no-go zones for narrow areas
Poor cleaning performance	Full dustbin; Clogged brushes/filters	Empty dustbin; Clean/replace brushes and filters
App connection fails	Incorrect WiFi password; Not 2.4GHz WiFi	Verify WiFi password; Ensure connection to 2.4GHz WiFi

For more detailed troubleshooting, please refer to the comprehensive user manual.

8. SPECIFICATIONS

- **Model:** ILIFE A20
 - **Dimensions:** 13.19"L x 13.19"W x 3.74"H (335x335x95mm)
 - **Net Weight:** 6.61 lbs (3kg)
 - **Suction Power:** Up to 3000Pa
 - **Battery:** 1 Lithium Ion (included)
 - **Runtime:** Up to 120 minutes (normal suction)
 - **Navigation:** LiDAR
 - **Dustbin Capacity:** 300ml
 - **Water Tank Capacity:** 200ml
 - **Connectivity:** 2.4GHz WiFi, ILIFECLEAN App, Amazon Alexa, Google Home
 - **Special Features:** 2-in-1 Vacuum & Mop, Smart Mapping, Auto Boost for Carpets, Anti-collision, Anti-drop sensors
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9. OFFICIAL PRODUCT VIDEOS

ILIFE A20 Robot Vacuum and Mop Combo with LiDAR Navigation

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Video: An official product video from ILIFE showcasing the A20 Robot Vacuum and Mop Combo, highlighting its LiDAR navigation, 2-in-1 cleaning capabilities, and smart features.

10. WARRANTY AND SUPPORT

Your ILIFE A20 Robot Vacuum and Mop Combo comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please

contact ILIFE customer service through the contact information provided in your user manual or on the official ILIFE website.

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Related Documents - A20

	ILIFE A20 Robotic Vacuum Cleaner User Manual - Setup, Operation & Maintenance Guide Comprehensive user manual for the ILIFE A20 robotic vacuum cleaner, covering setup, operation modes, app connectivity, maintenance, and troubleshooting. Learn how to get the most out of your ILIFE A20.
	iLife X620 Smart Robotic Vacuum Cleaner User Manual Comprehensive user manual for the iLife X620 2-in-1 dry and wet robotic vacuum cleaner, covering safety instructions, product introduction, operating procedures, maintenance, troubleshooting, and specifications.
	ILIFE A20 Robotic Vacuum Cleaner User Manual User manual for the ILIFE A20 Robotic Vacuum Cleaner. Find setup, operation, maintenance, and troubleshooting guides for your smart home cleaning device.
	ILIFE T10s User Manual: Self-Empty Robot Vacuum Cleaner Guide Comprehensive user manual for the ILIFE T10s Self-Empty Robot Vacuum Cleaner, featuring automatic dustbin emptying, intelligent Lidar navigation, app control, and multiple cleaning modes. This guide covers setup, operation, maintenance, troubleshooting, and product specifications for optimal home cleaning.
	ILIFE V2 Robotic Vacuum Cleaner User Manual - Tangle-Free Suction, 120 Mins Runtime Comprehensive user manual for the ILIFE V2 Robotic Vacuum Cleaner. Learn about its tangle-free suction, 120-minute runtime, slim design, self-charging capabilities, and suitability for pet hair and hard floors.



ILIFE V8s Robot Vacuum Quick Start Guide

Get started quickly with your ILIFE V8s robot vacuum cleaner. This guide covers setup, charging, cleaning modes, scheduling, and essential maintenance tips for optimal performance.

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