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› DREAME A1 Pro Robotic Mower Instruction Manual

## DREAME A1 Pro

# DREAME A1 Pro Robotic Mower

## INSTRUCTION MANUAL

### Product Overview

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The Dreame A1 Pro is an intelligent, wire-free robotic lawn mower designed to provide effortless and precise lawn maintenance. Featuring advanced OmniSense Technology, it offers intuitive zone management and omnidirectional 3D obstacle avoidance for a safe and efficient mowing experience. Its powerful all-terrain wheels ensure reliable performance on various landscapes.



Image: The Dreame A1 Pro robotic mower, showcasing its sleek design and the accompanying mobile application for control and mapping.

## Safety Warnings

Please read the original user manual carefully before using the product. Only use accessories recommended by Dreame with the product. Other uses are not permitted. Never allow children, persons with limited physical, sensory, or mental capabilities, or lack of experience and knowledge, as well as persons unfamiliar with these instructions, to use the device. Children must not be near the device or play with it when it is in operation. Do not use the device in places where people are unaware of its presence. Do not run quickly if you are manually operating the device with the Dreamehome app. Always walk, pay attention to your steps on slopes, and always pay attention to balance. Do not use the device when people, especially children or animals, are in the working area. If using the device in public spaces, place warning signs around the working area with the following text: "Warning! Automatic lawn mower. Keep distance from the device. Supervise children." Wear sturdy shoes and long pants when using the device. Do not place working areas or driving paths over public transport or sidewalks to avoid damaging the device and accidents with vehicles and people. Do not touch moving and dangerous parts, such as the cutting head, before it stops. Consult a doctor in case of injuries or accidents. Turn off the device before clearing blockages, performing maintenance work, or checking the device. Do not use the device if components are defective.

## Setup Guide

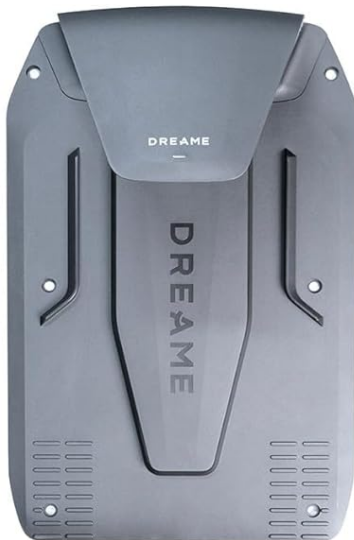
## 1. Package Contents

Before starting, ensure all components are present in the package:

- Robotic Mower x1
- Charging Station x1
- Power Adapter x1
- Hexagonal Wrench x1
- Cleaning Brush x1
- Lint-free Cloth x1
- Replacement Blade Kits x9
- User Manual x1
- Quick Start Guide x1

# Contenu de la boîte

Station de recharge x1



Vis x8, clé hexagonale x1



Manuel d'utilisation x1



Brosse de nettoyage x1



Chiffon non pelucheux x1



Kits de lames de remplacement x9



Robot tondeuse x1



Adaptateurs x1



Guide de démarrage rapide x1

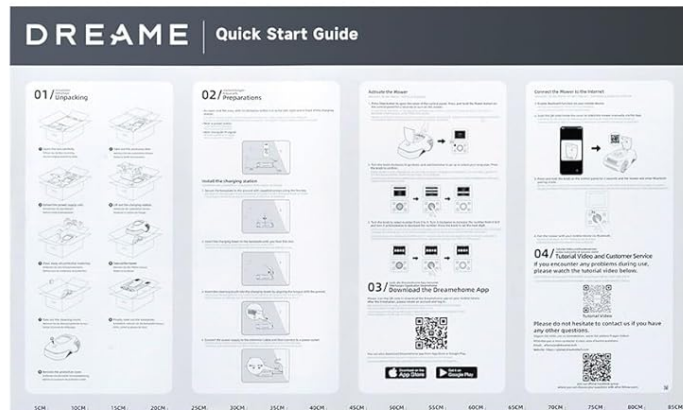


Image: All items included in the Dreame A1 Pro package, neatly laid out.

## 2. Charging Station Placement

Select a suitable location for the charging station. It should be in an area with good Wi-Fi signal coverage to ensure stable communication with the Dreamehome app. Ensure there is enough clear space around the station for the mower to dock easily.

## 3. App Installation and Initial Setup

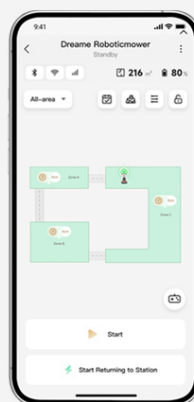
Download the **Dreamehome** application from your mobile device's app store. Follow the on-screen instructions to pair your A1 Pro mower with the app. This application is essential for controlling the mower, setting up mowing schedules, and defining mowing zones.

## 4. Wire-Free Boundary Setting with OmniSense Technology

The A1 Pro utilizes OmniSense technology for quick and easy boundary mapping without the need for physical wires or complex RTK beacons. Use the Dreamehome app to guide the mower around the perimeter of your lawn to create a digital map. This process allows you to define the mowing area and customize different zones.



Image: A user setting up the wire-free boundaries for the Dreame A1 Pro using the mobile application, demonstrating the simplicity of the process.



### Cartographie efficace et précise

Doté d'un détecteur 3D LiDAR de haute précision, l'A1 Pro offre une portée de détection de 70 m\* et un grand angle de 360 x 59°\*\*. Ces paramètres permettent au robot tondeuse de percevoir et de cartographier rapidement votre jardin dans toutes les directions, avec une grande précision.

\* 70 m : d'après les tests en laboratoire réalisés par Dreame.  
\*\* Grand angle de 360° x 59° : le détecteur LiDAR de l'A1 Pro offre un champ de vision horizontal de 360 degrés et un champ de vision vertical de 59 degrés. d'après les tests en laboratoire réalisés par Dreame.

Image: An aerial view illustrating the precise and efficient mapping process of the Dreame A1 Pro, creating a detailed layout of the lawn.

## Operating Instructions

## 1. Smart and Intuitive Zone Management

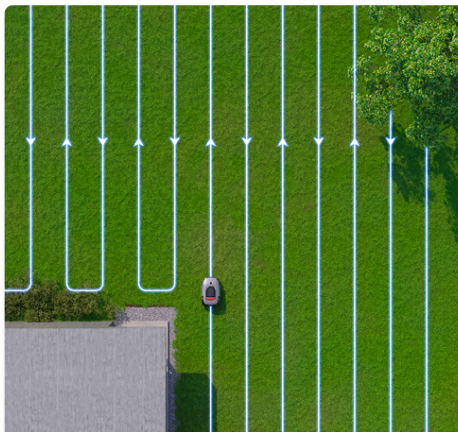
The Dreamehome app allows for comprehensive management of your mowing areas. You can define multiple mowing zones, set forbidden zones, and create temporary or predefined zones. Mowing tasks can be initiated in real-time or scheduled for specific times, providing complete control over your lawn care.



Image: A smartphone display demonstrating the intuitive multi-zone management feature, allowing users to define and control different mowing areas.

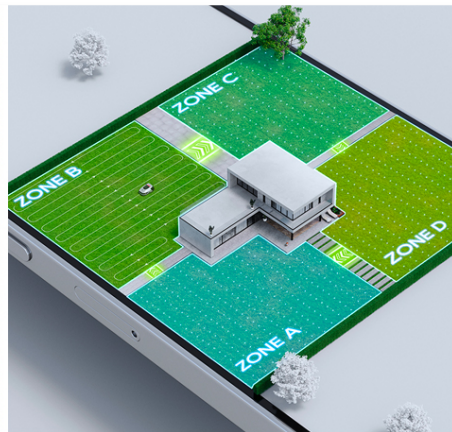
The A1 Pro supports various mowing modes:

- **All Zones:** Mows the entire mapped surface, including all defined mowing zones.
- **Specific Zone:** Mows only selected, specific zones.
- **Edge Mowing:** Mows along the defined boundaries of the lawn.



### Toutes zones

tond toute la surface, toutes les zones de tonte incluses.



### Zone

tond des zones spécifiques uniquement.



### Bord

tond le long de la limite.

Image: Visual representation of the different mowing modes available, including full area, specific zone, and edge trimming.

## 2. U-Shaped Path Planning for Optimal Results

The A1 Pro employs an innovative U-shaped mowing path, ensuring comprehensive coverage and impressive uniformity across your lawn. This method allows for efficient maintenance of large areas, up to 1,000 m<sup>2</sup>, within 24 hours.



### Planification de trajectoires en U pour des résultats optimaux

L'A1 Pro fonctionne selon une trajectoire en U novatrice qui couvre parfaitement votre pelouse, pour une uniformité et une qualité de coupe impressionnantes. Des terrains spacieux jusqu'à 1 000 m<sup>2</sup> peuvent être entièrement entretenus en seulement 24 heures\*.

\* 1000 m<sup>2</sup> et 24 heures : d'après les données de tests réalisés en laboratoire par Dreame.



### Efficacité de tonte réglable



Mode standard :  
1 000 m<sup>2</sup>/24 h



Mode efficacité :  
2 000 m<sup>2</sup>/24 h

Image: The robotic mower demonstrating its U-shaped path planning for efficient and thorough lawn coverage.

## 3. Omnidirectional 3D Obstacle Avoidance

Equipped with 3D point cloud data technology and advanced intelligent algorithms, the A1 Pro intelligently identifies and bypasses obstacles within its defined limits. This ensures safe and controlled lawn mowing, protecting both the mower and objects in its path, including static objects, animals, and humans.



Image: The Dreame A1 Pro's omnidirectional 3D obstacle avoidance system, illustrating its ability to detect and navigate around various objects and living beings.

## 4. Adjustable Cutting Heights

Customize your lawn's appearance with easily adjustable cutting heights. The Dreamehome app allows you to set the desired grass length from your mobile device, enabling precise maintenance of your lawn.



Image: A visual guide demonstrating how the cutting height of the Dreame A1 Pro can be adjusted for different grass lengths.

## 5. Powerful All-Terrain Wheels

The A1 Pro is equipped with robust all-terrain wheels that provide powerful traction. This enables the mower to navigate challenging terrains and unfavorable weather conditions effectively, ensuring consistent performance.



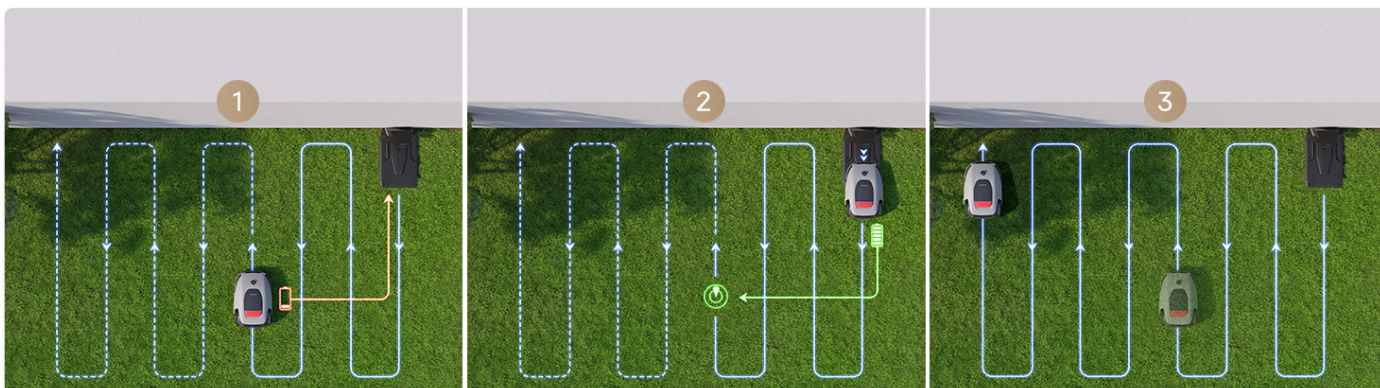
### Roues tout-terrain puissantes

Les roues tout-terrain offrent une traction puissante pour les terrains difficiles et les conditions météorologiques défavorables.

Image: A detailed view of the Dreame A1 Pro's powerful all-terrain wheels, designed for superior traction on various landscapes.

## 6. Automatic Recharging

The A1 Pro automatically returns to its charging station when its battery level drops below 15%. Once fully charged, it resumes its mowing task from where it left off, ensuring continuous and hassle-free operation, especially for larger gardens.



## Tonte fluide en toute facilité

L'A1 Pro se recharge toute seule : finis les soucis de batterie faible. Lorsque la puissance passe en dessous de 15 %, cette tondeuse intelligente retourne automatiquement à la station de recharge, puis se remet au travail après une charge complète. Elle est donc idéale pour les grands jardins.

Image: A sequence illustrating the seamless automatic recharging process of the Dreame A1 Pro, ensuring uninterrupted mowing.

## Maintenance

Regular maintenance ensures the longevity and optimal performance of your Dreame A1 Pro.

- **Easy Cleaning:** The IPX6 water resistance rating allows for easy rinsing of the exterior and underside of the robotic mower. Use a cleaning brush and lint-free cloth for best results.
- **Blade Replacement:** The quick-release blade design allows for blade replacement in seconds without additional tools. Regularly inspect blades for wear and replace as needed to maintain cutting quality.
- **Lift Alerts:** If the A1 Pro is lifted, it emits an audible alert, and the app sends an immediate warning for interactive security.
- **Advanced Rain Detection:** In case of rain detection, the A1 Pro automatically returns to its charging station and resumes its mowing task once the rain stops.

## Détails supplémentaires, conception conviviale améliorée



### Nettoyage facile

L'étanchéité IPX6 signifie que vous pouvez facilement rincer l'extérieur et le bas du robot tondeuse.

### Changement des lames en quelques secondes

La conception des lames rapidement démontables vous permet de remplacer les lames sans outils supplémentaires.



### Alertes de levage

Lorsqu'il est soulevé, l'A1 Pro émet un son d'alerte et l'application envoie immédiatement un avertissement pour une sécurité interactive.

### Détection de pluie avancée

En cas de détection de pluie, l'A1 Pro retourne automatiquement à la station de recharge et reprend la tâche de tonte lorsque la pluie s'arrête.



Image: A composite image detailing key maintenance features: easy cleaning, quick blade changes, lift alerts for security, and automatic rain detection.

## Troubleshooting

If you encounter issues with your Dreame A1 Pro, refer to the following common troubleshooting steps:

- **Mower Not Starting/Responding:**

- Ensure the mower is fully charged or properly docked in the charging station.
- Check if the emergency stop button is pressed.
- Verify Wi-Fi connection and app status.

- **Abnormal Vibration:**

- Turn off the device immediately.
- Inspect the cutting blades for damage or debris. Replace blades if necessary.
- Check for any foreign objects lodged in the cutting mechanism or wheels.

- **Mower Getting Stuck Frequently:**

- Review your mapped zones in the app; ensure no narrow passages or steep slopes are causing issues.
- Clear the mowing area of any small obstacles (toys, branches) that might not be detected by the sensors.
- Ensure the wheels are clean and free of grass clippings or mud.

- **Poor Cutting Performance:**

- Check and replace dull or damaged blades.
- Adjust the cutting height in the app to a suitable level for your grass type.
- Ensure the mowing area is free of excessive debris that could interfere with cutting.

- **Connectivity Issues:**

- Ensure the charging station is within Wi-Fi range.
- Restart your home router and the Dreame A1 Pro.
- Re-pair the mower with the Dreamehome app if necessary.

For more detailed troubleshooting or persistent issues, please refer to the full user manual or contact Dreame customer support.

## Specifications

Feature	Detail
Brand	DREAME
Model Number	MLLA7210
Color	Grey
Product Dimensions (L x W x H)	66.5 x 43.7 x 26.1 cm
Material	Polycarbonate
Item Weight	12.6 Kilograms
Power Source	Battery Powered
Battery Type	1 Lithium-ion (included)
Cutting Width	22 Centimeters

Feature	Detail
Number of Positions (Cutting Height)	5
Operating Mode	Automatic
Country of Origin	China
Spare Parts Availability	Information unavailable

## Warranty and Support

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For warranty information, product support, or to purchase spare parts, please visit the official Dreame website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Note:** The product description indicates that spare parts availability information is currently unavailable. Please check the manufacturer's official channels for the most up-to-date information.