Ambrogio Robot AM015D0F9Z

Ambrogio L15 Deluxe Robotic Lawn Mower User Manual

Model: AM015D0F9Z

1. Introduction

The Ambrogio L15 Deluxe is a compact and efficient robotic lawn mower designed for small to medium-sized gardens up to 600 m². This manual provides essential information for the safe and effective installation, operation, and maintenance of your robotic lawn mower. Please read this manual thoroughly before using the product.

Equipped with brushless motors, lithium-ion batteries, and a 15cm blade, the L15 Deluxe can manage up to four separate mowing areas. Its integrated Bluetooth connectivity allows for convenient programming and control via the Ambrogio Remote App on your smartphone or tablet.



Image 1.1: Ambrogio L15 Deluxe Robotic Lawn Mower.

2. What's in the Box

Before beginning installation, ensure all components are present and undamaged. The package should contain the following items:



Image 2.1: Package Contents.

- Ambrogio L15 Deluxe Robotic Lawn Mower
- User Manual
- Power Supply Unit and Power Cord
- Charging Station
- Pegs for securing perimeter wire
- Perimeter Wire Coil
- Wire Joint Connectors
- Key for adjusting cutting height

3. Setup and Installation

Proper installation is crucial for the optimal performance of your Ambrogio L15 Deluxe.

3.1. Charging Station Placement

Select a flat, level area near an outdoor power outlet, preferably in a shaded spot. Ensure there is at least 1 meter of clear

space in front of the charging station and 0.5 meters on either side. The charging station must be connected to the perimeter wire.

3.2. Perimeter Wire Installation

The perimeter wire defines the mowing area. Lay the wire around the edges of your lawn, securing it with the provided pegs. Maintain a distance of approximately 30 cm from obstacles such as walls, fences, and flowerbeds. For areas with multiple zones, ensure the wire creates a continuous loop back to the charging station.

- **Connecting the Wire:** Connect both ends of the perimeter wire to the designated terminals on the charging station.
- **Testing the Signal:** Power on the charging station. A green indicator light typically confirms a successful connection and signal.
- **Obstacle Management:** Identify and remove any small obstacles that could trap the robot. For complex gardens, consider creating pathways or modifying areas to prevent the robot from getting stuck.

3.3. Initial Charging

Place the robot manually into the charging station to allow its lithium-ion battery to fully charge before its first operation. This may take several hours.

4. Operating Instructions

The Ambrogio L15 Deluxe is designed for automatic operation, but initial setup and programming are required.

4.1. Powering On and Off

- **To Power On:** Press and hold the START button on the control panel until the display illuminates.
- **To Power Off:** Press and hold the STOP button until the robot shuts down.
- **Emergency Stop:** Press the large red STOP button for immediate cessation of all operations.

4.2. Using the Ambrogio Remote App

The robot is equipped with Bluetooth for remote control and programming via the "Ambrogio Remote" app, available for iOS and Android devices.

1. Download the "Ambrogio Remote" app from your device's app store.
2. Enable Bluetooth on your smartphone/tablet.
3. Open the app and follow the on-screen instructions to pair with your L15 Deluxe.
4. Use the app to set mowing schedules, define working areas (up to four separate zones), and monitor the robot's status.

4.3. Adjusting Cutting Height

The cutting height can be adjusted using the provided key. Refer to the diagram in the app or manual for specific adjustment points. Ensure the robot is powered off before making any adjustments to the blade. The maximum adjustable cutting height is 15 centimeters.

4.4. Mowing Cycles

The L15 Deluxe operates with efficient work cycles to cover your lawn rapidly and precisely. It will automatically return to the charging station when its battery is low and resume mowing after recharging.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your robotic lawn mower.

5.1. Cleaning

- **Robot Body:** Clean the exterior of the robot with a damp cloth. Avoid using high-pressure water jets or harsh chemicals.
- **Underbody and Blades:** Regularly inspect and clean the underbody and cutting blade area to remove grass clippings and debris. **Always power off the robot and wear protective gloves before handling the blade.**
- **Charging Contacts:** Keep the charging contacts on both the robot and the charging station clean to ensure reliable charging.

5.2. Blade Replacement

The cutting blade should be inspected regularly for sharpness and damage. A dull or damaged blade can lead to an uneven cut and increased battery consumption. Replace the blade as needed, following the instructions in the full user manual.

5.3. Battery Care

The L15 Deluxe uses a Lithium-ion battery. For optimal battery life, ensure the robot is stored in a dry, temperature-controlled environment during off-season periods and kept charged.

6. Troubleshooting

This section addresses common issues you might encounter with your Ambrogio L15 Deluxe.

Problem	Possible Cause	Solution
Robot does not start or stops unexpectedly.	Low battery; perimeter wire signal lost; safety sensor triggered.	Charge the battery; check perimeter wire connections; clear any obstructions around the robot.
Robot cannot find charging station.	Charging station placement; perimeter wire issue; dirty charging contacts.	Ensure clear path to station; verify perimeter wire integrity; clean charging contacts on robot and station.
Uneven cutting or poor mowing performance.	Dull or damaged blade; incorrect cutting height; grass too long.	Replace the blade; adjust cutting height appropriately; mow more frequently or manually cut very tall grass first.
Robot gets stuck frequently.	Obstacles in mowing area; uneven terrain; perimeter wire too close to an edge.	Remove obstacles; level uneven areas; adjust perimeter wire placement.
App connection issues.	Bluetooth not enabled; robot not powered on; app not updated.	Ensure Bluetooth is active on your device; power on the robot; update the Ambrogio Remote app.

For more detailed troubleshooting, refer to the comprehensive user manual or contact Ambrogio customer support.

7. Specifications

Key technical specifications for the Ambrogio L15 Deluxe Robotic Lawn Mower:

- **Model Number:** AM015D0F9Z

- **ASIN:** B07MKS23HL
- **Recommended Lawn Area:** Up to 600 m²
- **Battery Type:** 1 Lithium-ion (included)
- **Power Source:** Battery Powered
- **Cutting Width:** 15 Centimeters
- **Adjustable Cutting Height:** Up to 15 Centimeters
- **Product Dimensions (L x W x H):** 42 x 25 x 22 cm
- **Item Weight:** 4.8 Kilograms
- **Material:** PVC
- **Color:** Black, Green
- **Operating Mode:** Automatic
- **Connectivity:** Bluetooth (via Ambrogio Remote App)
- **Manufacturer:** Ambrogio

8. Warranty and Support

The Ambrogio L15 Deluxe Robotic Lawn Mower comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty duration and coverage details. For technical assistance, spare parts, or warranty claims, please contact your authorized Ambrogio dealer or visit the official Ambrogio Robot website for support information. Ensure you have your model number (AM015D0F9Z) and proof of purchase available when seeking support.

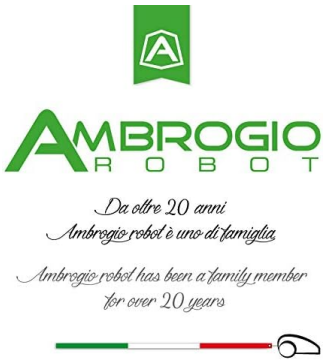


Image 8.1: Ambrogio Robot Official Logo.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question