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› [YARDCARE M800Plus Cordless Robot Lawn Mower User Manual](#)

**YARDCARE M800Plus**

# YARDCARE M800Plus Cordless Robot Lawn Mower User Manual

Model: M800Plus | Brand: YARDCARE

## 1. INTRODUCTION

The YARDCARE M800Plus is an advanced cordless robotic lawn mower designed to provide efficient and autonomous lawn care. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before initial use and retain it for future reference.



The YARDCARE M800Plus robot lawn mower, its charging station, and a smartphone demonstrating the mobile application for control and monitoring.

## 2. IMPORTANT SAFETY INFORMATION

**Always prioritize safety when operating the robot lawn mower.**

- Read the entire user manual before operating the device.
- Keep children, pets, and bystanders away from the mowing area during operation.
- Do not operate the mower if any parts are damaged or if the blades are loose.
- Ensure the mowing area is clear of debris, stones, toys, and other objects that could be thrown by the blades or obstruct the mower.
- Use the prominent **STOP** button on the mower for immediate cessation of operation in emergencies.
- Do not lift or carry the mower while it is operating.
- Avoid operating the mower in heavy rain or extreme weather conditions. The mower has a rain sensor and will return to its charging station in light rain.

## 3. SETUP GUIDE

### 3.1. Unboxing and Initial Inspection

Upon receiving your YARDCARE M800Plus, carefully remove all components from the packaging. The box should contain the robot mower, charging station, power adapter, hex key, charging station fixing screws, M4\*10 screws for blades, and spare blades. Inspect all items for any signs of damage during transit. The packaging includes protective cardboard inserts on the top and bottom to secure the unit.

### 3.2. Charging Station Placement

Select a flat, level area for the charging station, preferably against a wall or fence, with clear space around it for the mower to approach and depart. Ensure it is within reach of a power outlet. The charging station features a long power cord, providing flexibility in placement without requiring an additional extension cord.

# Cutting Height Adjustable

Manually adjustable cutting height for lawn precision



The robot mower automatically returns to its charging station when the battery is low or when rain is detected.

## 3.3. Initial Charging

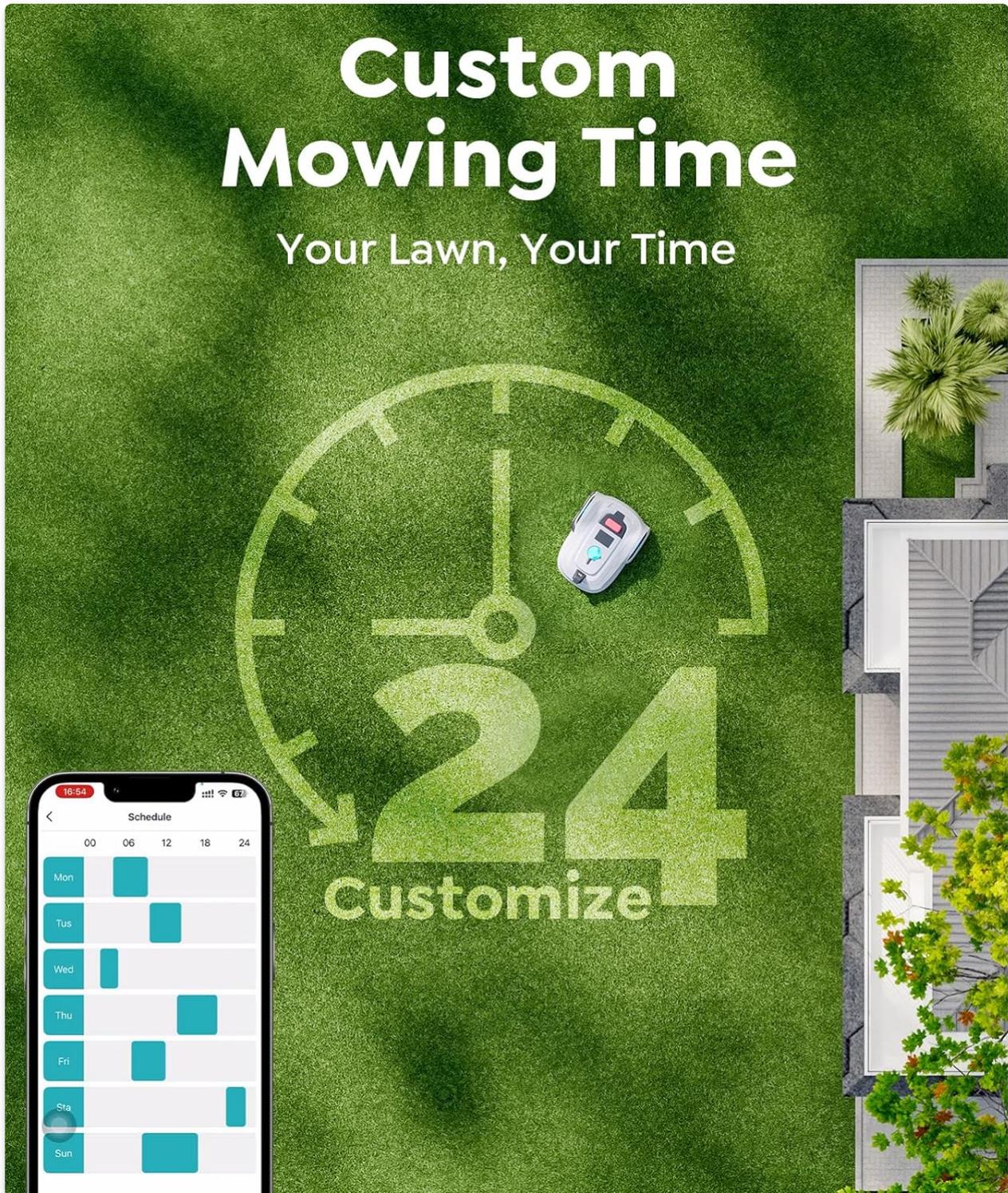
Connect the charging station to a power source. Place the robot mower onto the charging station, ensuring the metal contacts on the mower align with those on the station. The mower will begin charging automatically. The charging indicator lights on the station will blink during charging and become solid when fully charged.

## 4. OPERATING INSTRUCTIONS

### 4.1. App Control and Connectivity

The YARDCARE M800Plus is primarily controlled via the dedicated YARDCARE mobile application, available for both iOS and Android devices. The app allows you to:

- Set custom mowing plans and schedules.
- Switch between different mowing modes.
- Receive error alerts and status updates.
- Perform Over-The-Air (OTA) updates for improved functionality.
- Monitor the mower's real-time location using the built-in GPS anti-theft feature (requires Wi-Fi connection).



The YARDCARE app provides comprehensive control over your robot mower, including scheduling and mode selection.

## 4.2. Mowing Modes and Navigation

The mower utilizes a combination of mowing modes for optimal coverage:

- **Partial Orderly Mowing:** The mower performs 40 minutes of neat, row-based mowing.
- **Random Mowing:** Following orderly mowing, it switches to 60 minutes of random mowing to fill in any gaps and ensure complete coverage.

Its advanced GPS system and 3D Visual Navigation technology enable precise boundary recognition and efficient bow-shaped path mowing. The AI vision helps identify non-lawn areas and automatically detects lawn edges, eliminating the need for boundary cables.

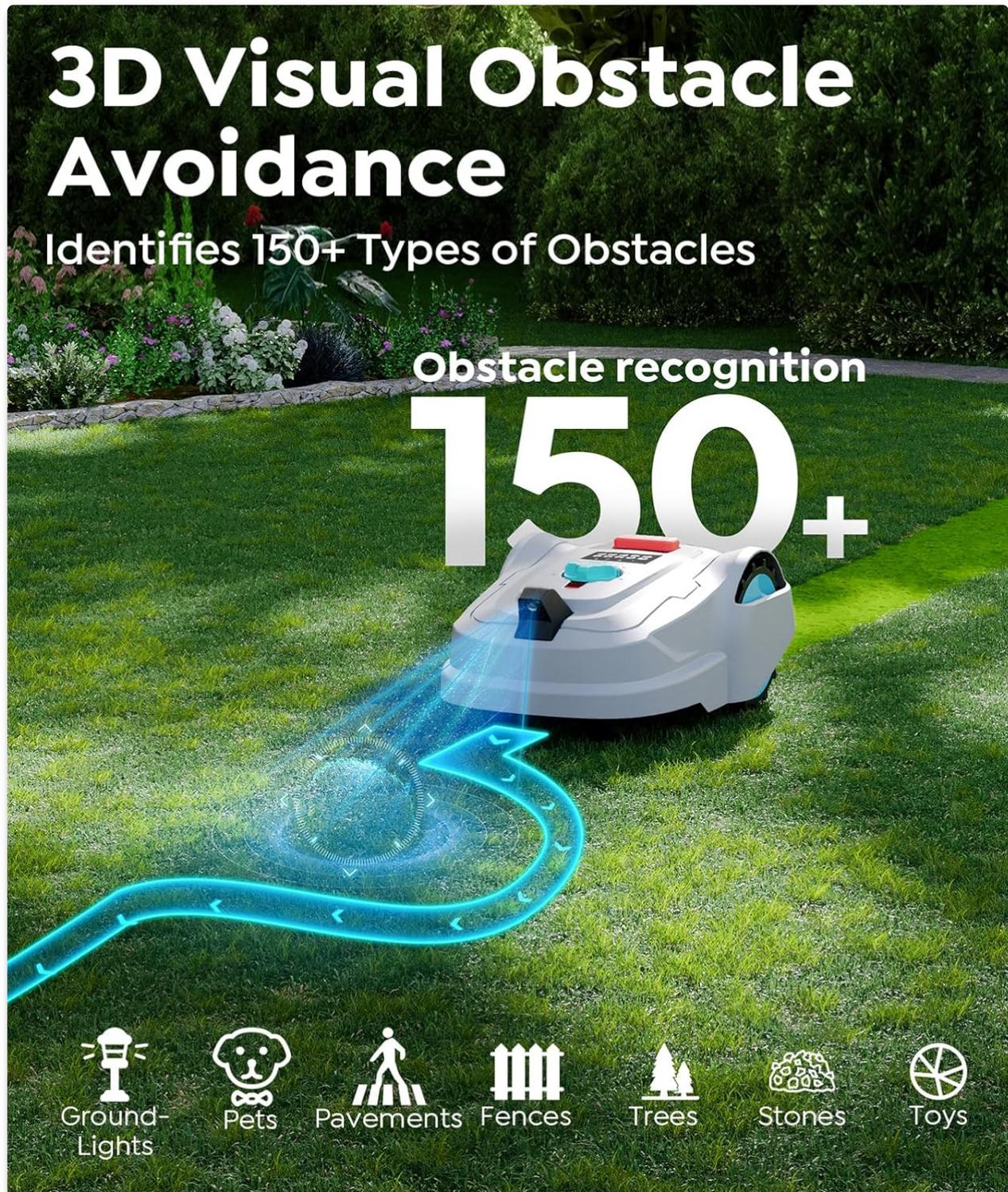


The mower combines orderly and random patterns to cover up to 8,611 sq. ft. efficiently.

#### 4.3. Obstacle Avoidance

Equipped with a 135° wide-angle camera and AI-powered recognition, the YARDCARE M800Plus intelligently

detects over 150 common garden obstacles, including pets, trees, stones, and toys. This system ensures precise, real-time avoidance, maintaining a safe distance while delivering uninterrupted mowing. **Note:** If grass is over 2.6 inches, the mower may see it as an obstacle. Trim tall grass first for best results.



# 3D Visual Obstacle Avoidance

## Identifies 150+ Types of Obstacles

Obstacle recognition  
**150+**

Ground-Lights   Pets   Pavements   Fences   Trees   Stones   Toys

The image shows a white robotic lawnmower on a green lawn. A blue, glowing 3D sensor field emanates from the front of the mower, illustrating its obstacle avoidance capabilities. The sensor field is depicted as a series of concentric circles and a path that curves around an obstacle. Below the mower, there are seven icons representing different types of obstacles: a ground light, a dog's head, a person walking, a fence, a tree, a pile of stones, and a toy wheel. The background is a lush garden with various plants and trees.

The 3D visual system helps the mower navigate around various obstacles in your garden.

#### 4.4. Cutting Height Adjustment

The cutting height can be manually adjusted to your desired level. The mower offers five different height settings, ranging from 0.79 inches to 2.36 inches, allowing for precise lawn trimming. The mower can also sense thicker patches of lawn and will go over them repeatedly until the desired setting is achieved.

# Slope Climbing Ability

Works great on slightly sloped lawns



Adjust the cutting height to suit your lawn's needs for a perfectly manicured look.

## 5. MAINTENANCE

### 5.1. Cleaning

To maintain optimal performance, regularly clean the mower. Gently rinse the underside of the mower with a light spray from a hose to remove grass clippings and debris. Avoid using high-pressure water directly on the electronic components.

### 5.2. Blade Care

The mower is equipped with three high-speed rotating blades. Periodically inspect the blades for sharpness and damage. Refer to the full user manual for instructions on how to safely replace the blades when necessary.

## 6. TROUBLESHOOTING

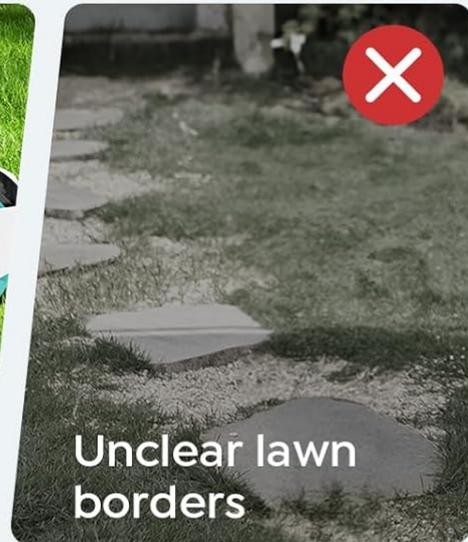
If you encounter issues with your YARDCARE M800Plus, refer to the following common solutions:

- **Mower not moving or stopping unexpectedly:** Ensure the power switch located on the underside of the mower is in the 'ON' position. Check the battery level via the app or the mower's display.
- **Mower not detecting boundaries:** Ensure your lawn has clear, obvious boundaries such as fences, walls, or cement roads. The mower is designed for clear-boundary lawns and may struggle with unclear borders.
- **Mower treating grass as an obstacle:** If the grass height exceeds 2.6 inches, the mower's obstacle avoidance system may interpret it as an obstruction. Trim excessively tall grass manually before operating the robot mower.
- **Connectivity issues:** Ensure the mower is within Wi-Fi range for app control and GPS tracking features. Restart the mower and your Wi-Fi router if problems persist.

For more detailed troubleshooting steps or persistent issues, please consult the comprehensive user manual provided with your product or contact YARDCARE customer support.

# Suitable for Obvious Boundaries

Such as fences, cement roads, etc



The mower performs best on lawns with clear, defined boundaries.

## 7. SPECIFICATIONS

| Feature      | Specification |
|--------------|---------------|
| Brand        | YARDCARE      |
| Model Number | M800plus-W    |

|                     |                                  |
|---------------------|----------------------------------|
| Power Source        | Battery Powered                  |
| Color               | White                            |
| Item Weight         | 20.6 Pounds                      |
| Cutting Width       | 7.08 Inches                      |
| Operation Mode      | Automatic                        |
| Product Dimensions  | 12.6"D x 20.47"W x 24.8"H        |
| Max. Cutting Height | 2.36 Inches                      |
| Min. Cutting Height | 0.79 Inches                      |
| Battery             | 1 Lithium Ion battery (included) |

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your YARDCARE M800Plus Cordless Robot Lawn Mower, please refer to the official YARDCARE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.