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› YARDCARE M800Plus Robotic Lawn Mower User Manual

YARDCARE M800PLUS

YARDCARE M800Plus Robotic Lawn Mower User Manual

Model: M800PLUS

PRODUCT OVERVIEW

The YARDCARE M800Plus is an advanced cordless robotic lawn mower designed for efficient and autonomous lawn care. It features GPS and 3D Vision technology for precise navigation and obstacle avoidance, eliminating the need for boundary wires. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your M800Plus robotic lawn mower.



The YARDCARE M800Plus robotic lawn mower, shown with its accompanying smartphone application for remote control and scheduling.

Key Features

- **Cordless & GPS + 3D Vision Navigation:** Equipped with an upgraded GPS system and 3D Vision technology, the M800Plus automatically distinguishes grass from non-grass areas, eliminating the need for messy boundary wires. Ideal for clear-boundary lawns.
- **Partial Orderly + Random Mowing Mode:** The mower performs 40 minutes of neat row mowing followed by 60 minutes of random mowing to ensure comprehensive coverage. It automatically returns to its charging station when needed.
- **150+ Obstacle Detection & 35% Slope Handling:** An AI-powered 135° camera identifies over 150 common obstacles (e.g., rocks, toys) and adjusts its path in real-time. It can also manage slopes up to 35% (20°).
- **Smart APP Control:** Connect to the YARDCARE App to schedule mowing, customize mowing path patterns, and receive OTA updates.
- **Spot Spiral Mowing:** For areas with denser grass growth, this mode ensures even coverage and enhanced mowing efficiency.
- **Adjustable Cutting Width & Height:** Features a 7-inch cutting width with three rotating blades. Cutting height is adjustable between 0.8 inches and 2.4 inches.

Built-in GPS System

Achieve an efficient bow-shaped mowing path



The M800Plus utilizes a built-in GPS system to achieve efficient, bow-shaped mowing paths, ensuring systematic coverage of your lawn.

Hassle-free Lawn Care

40-Min Orderly + 60-Min Random
Mowing Combination

8611sq.ft



Illustration of the M800Plus's mowing strategy, combining 40 minutes of orderly, bow-shaped mowing with 60 minutes of random mowing to cover up to 8611 sq.ft.

3D Visual Obstacle Avoidance

Identifies 150+ Types of Obstacles

150+
Obstacle recognition



The 3D Visual Obstacle Avoidance system allows the M800Plus to identify and navigate around over 150 types of common obstacles, including pets, toys, and garden features.

WHAT'S IN THE BOX

Before starting the setup process, please ensure all components are present and accounted for. Refer to the list below and the accompanying image.

Smart APP Control

Take Control Anytime



An overview of the items included in the YARDCARE M800Plus package, ensuring you have everything needed for installation and operation.

Package Contents

Item	Quantity
Mower	1 pc
Instruction Manual	1 pc
Charging Station	1 pc
Hex Key	1 pc
Charging Station Fixing Screws	6 pcs
M4*10 Screws for Blade	3 pcs
Blade	3 pcs
Power Adapter	1 pc

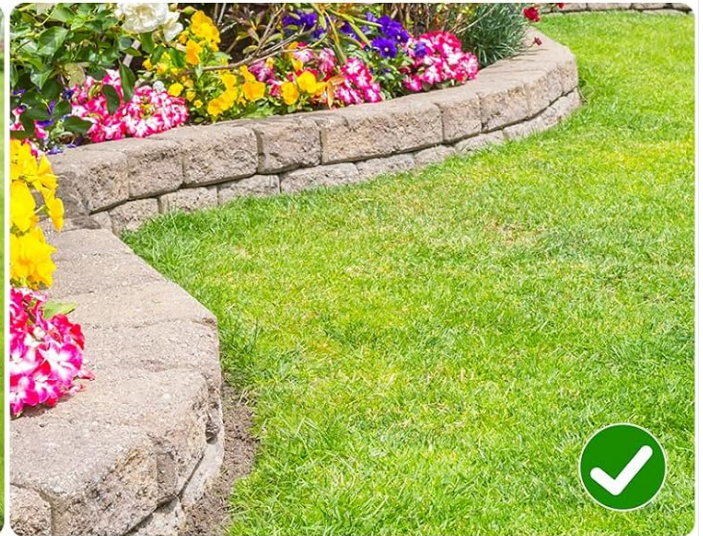
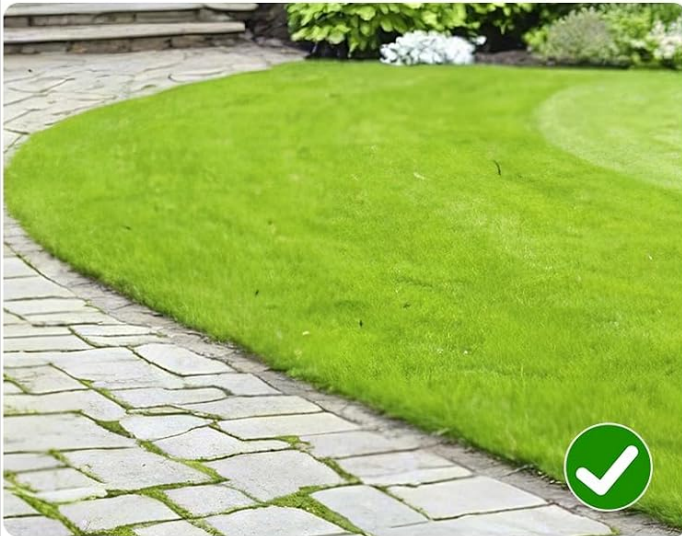
SETUP AND INSTALLATION

1. Preparing Your Lawn

- The M800Plus is designed for lawns with clear boundaries such as pavements, fences, or cement roads. It is important that the grass height is not excessively tall for optimal performance.
- Ensure your lawn has clear, defined borders.
 - If the grass is taller than 2.6 inches (approximately 6.6 cm), it is recommended to manually trim it before the first use of the robotic mower to prevent performance issues.

Suitable for Obvious Boundaries

Such as fences, cement roads, etc



Visual guide for suitable lawn conditions: clear boundaries are essential. Avoid using the mower on grass taller than 2.6 inches or on lawns with unclear borders.

2. Charging Station Placement

Select a suitable location for the charging station. It should be on a flat surface, preferably in a shaded area, with access to a power outlet. Ensure there is enough clear space around the station for the mower to dock easily.

- Place the charging station on a level surface.
- Secure the charging station to the ground using the provided fixing screws.
- Connect the power adapter to the charging station and plug it into a power outlet.

3. Initial Charging

Before the first use, fully charge the robotic lawn mower. Place the mower onto the charging station, ensuring it makes proper contact with the charging terminals. The indicator lights on the mower will show the charging status.



The M800Plus automatically returns to its charging station when the battery level is below 20%, ensuring it is always ready for the next mowing cycle.

4. App Connection and Setup

Download the YARDCARE App from your smartphone's app store (Google Play or Apple App Store). Follow the in-app instructions to connect your M800Plus mower via Wi-Fi or Bluetooth.

- Search for "YARDCARE App" in your device's app store.
- Install the app and create an account if prompted.
- Follow the pairing instructions within the app to connect to your M800Plus.
- Use the app to set up your mowing schedule and customize settings.



The YARDCARE App allows for custom mowing schedules, giving you full control over when and how your lawn is maintained.

OPERATION

Mowing Modes

The M800Plus offers intelligent mowing modes to ensure optimal lawn coverage.

- **Partial Orderly + Random Mowing:** This is the primary mowing mode. The mower will perform 40 minutes of systematic, bow-shaped mowing, followed by 60 minutes of random mowing to fill in any gaps. This cycle repeats as needed.
- **Spot Spiral Mowing:** Activate this mode for areas with particularly dense or overgrown grass. The mower will move in a spiral pattern to provide concentrated cutting in that specific area, ensuring a cleaner and more uniform finish.

Spot Spiral Mowing

Focus on dense grass areas for a cleaner, more even lawn.



Spot Spiral Mowing focuses on areas with denser grass, ensuring thorough and even coverage for a pristine lawn.

Adjusting Cutting Height

The cutting height of the M800Plus can be adjusted to suit your lawn's needs and desired appearance. The cutting height ranges from 0.8 inches (2 cm) to 2.4 inches (6 cm).

- Refer to the mower's controls or the YARDCARE App for specific instructions on adjusting the cutting height.
- Always adjust the cutting height when the mower is stationary and powered off for safety.

Slope Handling

The M800Plus is capable of navigating slopes up to 35% (20°), making it suitable for most residential lawns with varying terrains.

Slope Climbing Ability

Works great on slightly sloped lawns



The M800Plus demonstrates its slope climbing ability, effectively mowing on inclines up to 35% (20 degrees).

MAINTENANCE

Blade Replacement

Regular blade replacement is crucial for optimal mowing performance and a clean cut. Dull blades can tear grass, leading to an unhealthy lawn appearance.

- Inspect the blades regularly for signs of wear, dullness, or damage.
- Always power off the mower and wear protective gloves before handling the blades.
- Use the provided M4*10 screws to replace the blades. Refer to the instruction manual for detailed steps on blade replacement.
- It is recommended to replace all three blades simultaneously for balanced cutting.

Cleaning the Mower

Keeping your M800Plus clean will extend its lifespan and maintain its efficiency.

- Regularly remove grass clippings and debris from the cutting deck and wheels.
- Gently rinse the underside of the mower with water. **Avoid using high-pressure water jets** directly on the mower, especially near electronic components.
- Wipe down the exterior with a damp cloth.
- Ensure the charging contacts on both the mower and the charging station are clean and free of corrosion.



The M800Plus is designed for easy cleaning; gently rinse the underside to remove grass clippings, avoiding high-pressure water on sensitive areas.

TROUBLESHOOTING

This section addresses common issues you might encounter with your YARDCARE M800Plus. For more complex problems, refer to the full instruction manual or contact customer support.

Common Troubleshooting Scenarios

Problem	Possible Cause	Solution
Mower not starting or charging.	Power adapter disconnected, charging contacts dirty, battery depleted.	Ensure power adapter is securely connected. Clean charging contacts on both mower and station. Allow mower to charge fully.
Mower gets stuck frequently.	Obstacles not detected, uneven terrain, grass too tall.	Clear lawn of small obstacles. Ensure lawn is suitable for robotic mowing (clear boundaries, not excessively tall grass).
Uneven mowing or poor cut quality.	Dull or damaged blades, cutting height too low/high, grass too wet.	Replace blades. Adjust cutting height. Avoid mowing wet grass.
Mower not returning to charging station.	Charging station obstructed, signal interference, battery critically low.	Ensure clear path to charging station. Check for strong Wi-Fi/Bluetooth signal. Manually place mower on station if battery is very low.

Problem	Possible Cause	Solution
App connectivity issues.	Bluetooth/Wi-Fi off, app outdated, mower not in pairing mode.	Ensure Bluetooth/Wi-Fi is enabled on your device. Update the YARDCARE App. Restart mower and attempt pairing again.

SPECIFICATIONS

Detailed technical specifications for the YARDCARE M800Plus robotic lawn mower.

Feature	Detail
Brand	YARDCARE
Model Number	M800PLUS
Power Source	Battery Powered (1 Lithium Ion battery included)
Color	Black
Item Weight	20.6 Pounds (9.34 kg)
Cutting Width	7.08 Inches (18 cm)
Operation Mode	Automatic
Product Dimensions (D x W x H)	12.6"D x 20.47"W x 24.8"H (32 cm D x 52 cm W x 63 cm H)
Adjustable Cutting Height Range	0.79 Inches (2 cm) to 2.36 Inches (6 cm)
Max. Lawn Area Coverage	Up to 8,611 sq.ft (approx. 1/5 acre)
Max. Slope Handling	35% (20°)
Obstacle Detection	150+ types via AI-powered 135° camera
Navigation System	GPS + 3D Vision Technology

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your product or visit the official YARDCARE website. YARDCARE offers various protection plans for extended coverage.

If you encounter any issues not covered in this manual or require further assistance, please contact YARDCARE customer support. Contact details can typically be found on the YARDCARE website or in the product packaging.

- **Online Support:** Visit the YARDCARE official website for FAQs, troubleshooting guides, and contact forms.
- **Email Support:** Refer to your product documentation for the customer support email address.
- **Phone Support:** Check the YARDCARE website for available phone support numbers and operating hours.

IMPORTANT NOTES

Safety First: Always read and understand all safety warnings and instructions before operating the robotic lawn mower. Keep children and pets away from the mowing area during operation.

Software Updates: The YARDCARE App allows for Over-The-Air (OTA) updates. Regularly check for and install updates to ensure your mower has the latest features and performance improvements.

Video Content: Please note that due to the absence of specific video URLs and creator type information in the provided product data, no official product videos could be embedded in this manual.

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This manual is for informational purposes only. Specifications are subject to change without notice.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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