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LawnMaster VBRM601YCM

LawnMaster OcuMow Perimeter Wire Free Robot Lawn Mower Instruction Manual

Model: VBRM601YCM

Brand: LawnMaster

INTRODUCTION

The LawnMaster OcuMow Perimeter Wire Free Robot Lawn Mower is designed to simplify your lawn maintenance. Utilizing advanced optical navigation technology, this robot mower efficiently navigates your lawn without the need for perimeter wires or complex app setups. It is ideal for small lawns, offering obstacle avoidance and a 'No Go' function for restricted areas.



Figure 1: LawnMaster OcuMow Robot Lawn Mower

SETUP GUIDE

Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure all listed items are present: Robot mower, 1 x MX 24V MAX* battery, 24V quick battery charger, 33 ft magnetic strip, and 12pcs magnetic strip pegs, extra 3pcs blades.

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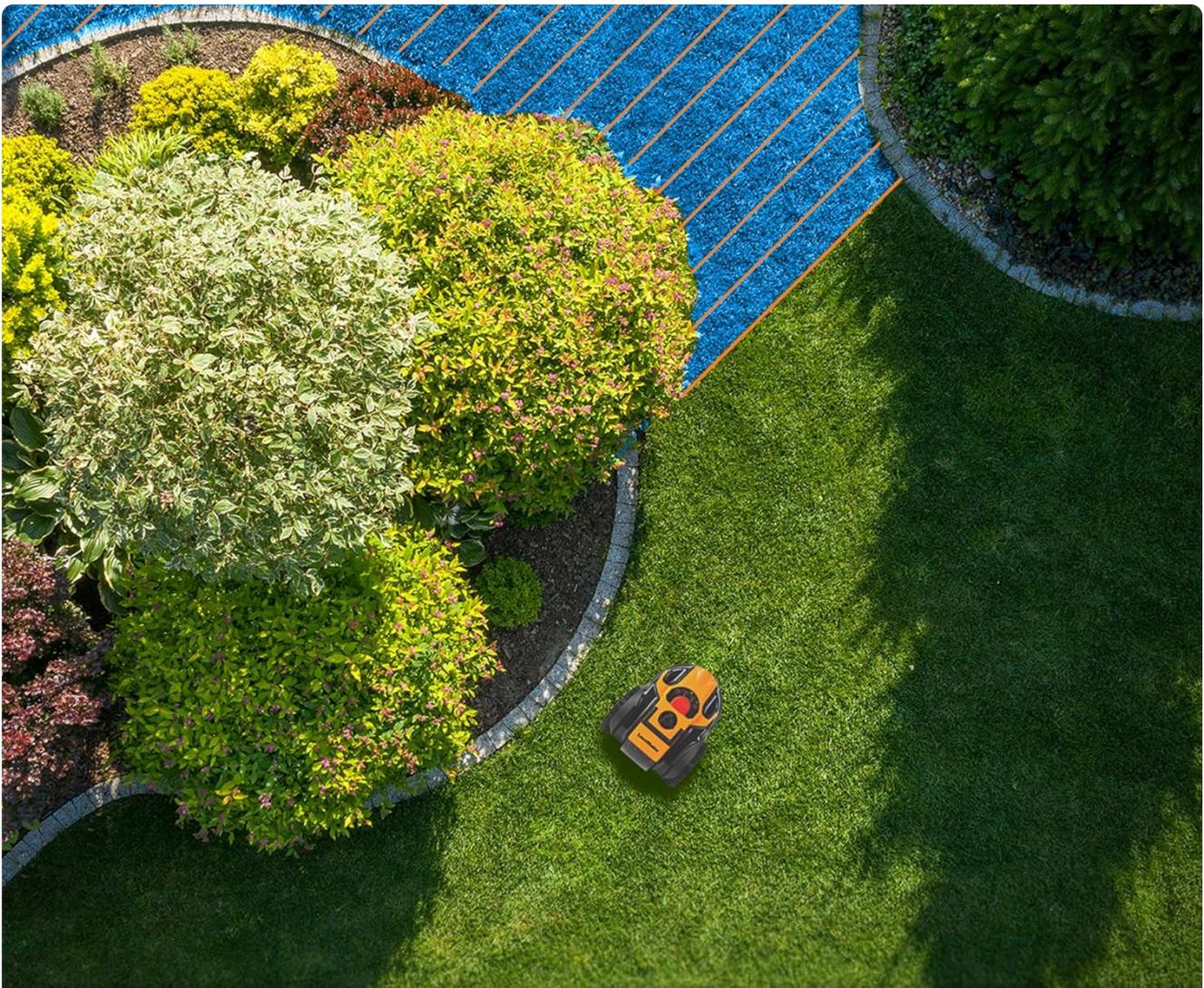
Video 1: Unboxing and initial setup of the LawnMaster OcuMow Robot Lawn Mower.

Battery Installation and Charging

Insert the MX 24V MAX* battery into the designated compartment on the mower. Use the provided 24V quick battery charger to fully charge the battery before first use. The battery must be fully recharged to resume operation for larger areas.

'No Go' Function Setup

Use the included 33-feet of magnetic wires and pegs to create virtual fences. This prevents the robot mower from entering forbidden areas such as flower beds or delicate landscaping. Set up is easy with no power source or digging required.



Create a Virtual Fence

30-Ft of Magnetic Wires Prevents Robot From Entering Any Forbidden Areas

Figure 2: Setting up 'No Go' zones with the magnetic strip.

Lawn Preparation for Best Results

A clearly defined edge around the full perimeter of your lawn (such as paving or gravel, or a raised edge at least 2.3 inches high) is required to prevent the mower from leaving the grass. Adjustment of the lawn edges may be required. As with other robot mowers, a grass trimmer is needed to trim the lawn edges.



Designed for Small Lawns

**Best for Lawns With Defined Edges
Around the Perimeter of Lawn**

Figure 3: Examples of ideal lawn edges for optimal mower performance.

OPERATING INSTRUCTIONS

Optical Navigation Technology

The OcuMow uses sensors and a wide-angle, high dynamic range camera to identify grass even under extreme contrast lighting situations. This allows the robot to navigate around your lawn efficiently, taking the guesswork out of yard work.



Optical Navigation Technology

Ultrasonic Sensors Guide Mower to Avoid Obstacles & Navigate Lawn Efficiently

Figure 4: Optical Navigation Technology in action.

Obstacle Avoidance

Two ultrasonic sensors detect obstacles and automatically re-direct the robot mower to avoid obstacles as small as 6-inches. This ensures smooth operation and prevents collisions.



Obstacle Avoidance

Smart Robot Automatically Detects & Re-Directs Mower to Avoid Obstacles

Figure 5: Obstacle avoidance in action.

Drop and Mow Function

There is no need for an outdoor power socket or app setup. Simply set the robot mower on an appropriately sized lawn, push the start button, and let it get to work. It will mow for up to 3 hours covering 2000 square feet while dropping small clippings on the lawn to feed the grass. For a larger yard, extra batteries can be purchased separately.

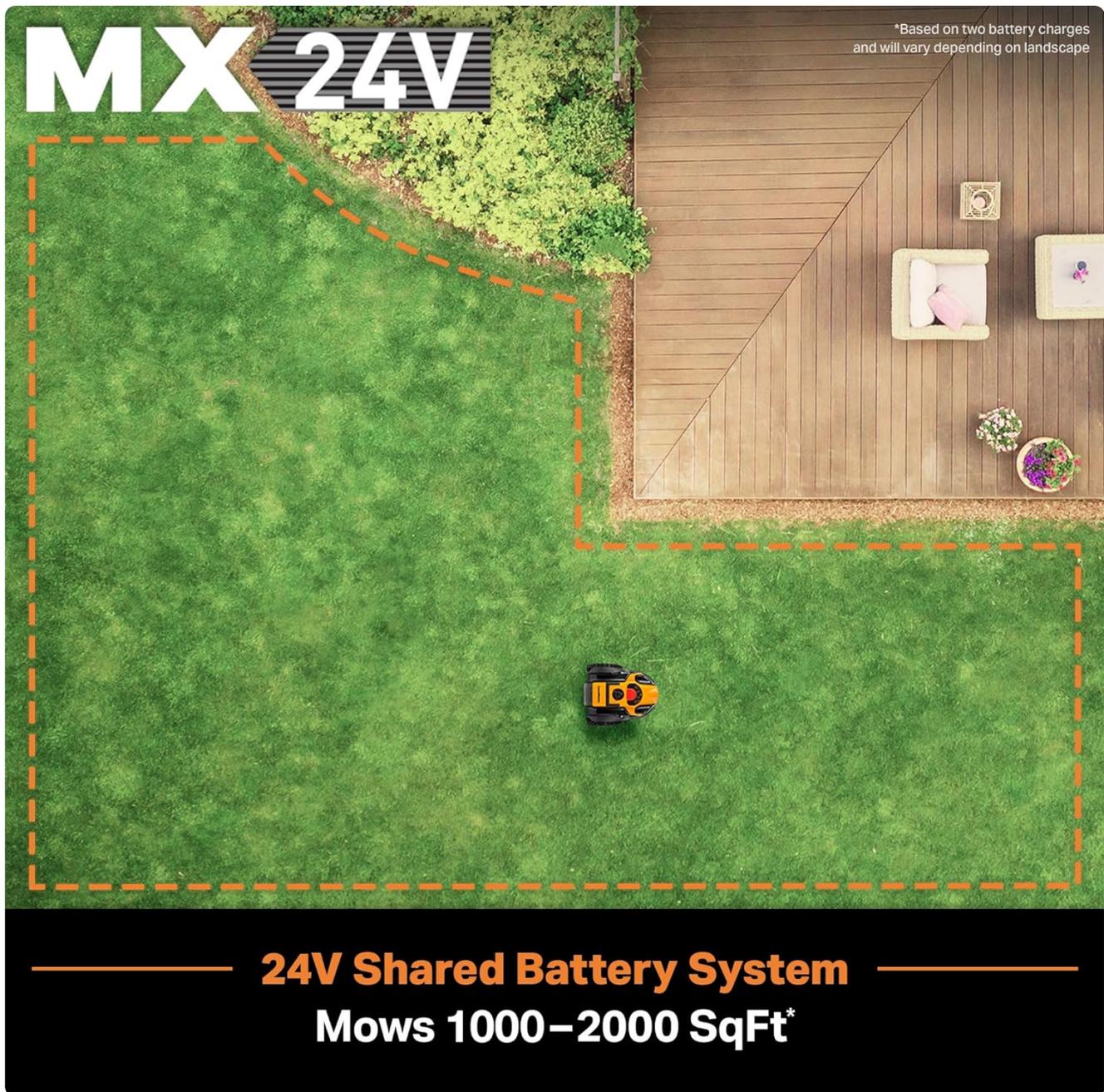


Figure 6: Mowing area coverage with the 24V battery system.

Slope Handling

Deep tread wheels and a powerful drive system allow the OcuMow to climb up to a 35% (19°) slope, handling complex lawns with ease.

MAINTENANCE

Blade Replacement

The robot mower includes extra blades. Refer to the user guide for detailed instructions on how to safely replace the blades. Regular blade inspection and replacement ensure optimal cutting performance.

Cleaning and Storage

After each use, ensure the mower is clean from grass clippings and debris. Store the robot mower in a dry, protected area. It is compact in size for easy storage in small spaces.

TROUBLESHOOTING

Common issues and their solutions:

- **Q1: Why does it get stuck in pits while operating?**

A1: The OcuMow works best on even lawns. Fill holes or level uneven spots to prevent the robot from getting stuck.

- **Q2: Why does OcuMow leave stripes on the lawn?**

A2: Check if grass height exceeds 2.5 inches or if it's your first use. Stripes are normal initially but will reduce with continued use.

- **Q3: Is the mower noisy?**

A3: Don't disturb your neighbors - OcuMow is on average 28% quieter than gas mowers at only 68dB.

Q1: Why does it get stuck in pits while operating?

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A2: Check if grass height exceeds 2.5 inches or if it's your first use. Stripes are normal initially but will reduce with continued use.

Q3: Did You Hear That?

A3: Don't disturb your neighbors - OcuMow is on average 28% quieter than gas mowers at only 68dB.



Figure 7: Common troubleshooting questions and answers.

SPECIFICATIONS

Feature	Detail
Brand	LawnMaster
Model Number	VBRM601YCM
Power Source	Battery Powered (1 x MX 24V MAX* Lithium Ion battery included)
Material	Plastic
Color	Orange
Item Weight	13.4 Pounds
Cutting Width	6 Inches
Cutting Heights	4 positions (1-inch – 2.5-inch)
Operation Mode	Automatic (Drop and Mow)
Product Dimensions	22"D x 14.5"W x 10"H
Slope Capability	Up to 35% (19°)
Noise Level	Approx. 68dB
Included Accessories	24V quick battery charger, 33 ft magnetic strip, 12pcs magnetic strip pegs, extra 3pcs blades

*Note: Mowing up to 2000 sq ft requires additional charging. Battery must be fully recharged to resume operation.
Attention: If you need to purchase the battery pack separately, please search on Amazon: B0CTQPN6Y7

LawnMaster

OcuMow™

with Optical Navigation Technology



**Mow Up to
1000-SqFt.**

**30-Ft of Magnetic
Wires Included**

**Quiet:
Only 68dB**

Figure 8: Detailed features and specifications of the LawnMaster OcuMow .

WARRANTY AND SUPPORT

The LawnMaster OcuMow Robot Lawn Mower comes with a standard manufacturer's warranty. Please refer to the warranty card included in your packaging for specific terms and conditions. For technical support, replacement parts, or additional accessories, please visit the official LawnMaster store or contact customer service.

For additional batteries, search Amazon for: B0CTQPN6Y7

