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› [LawnMaster OcuMow™ Robot Lawn Mower with Cordless 24V MAX 10" Grass Trimmer Combo Kit Perimeter Wire Free for Small Yards 2000-4000 Square Feet Optical Navigation Automatic Obstacle Avoidance Spot Cut Robot Mower, Grass Trimmer & 2 Batteries Instruction Manual](#)

LawnMaster VBRMGT601YCM2-01

LawnMaster OcuMow™ Robot Lawn Mower & Cordless Grass Trimmer Combo Kit Instruction Manual

Model: VBRMGT601YCM2-01

Brand: [LawnMaster](#)

1. INTRODUCTION

Welcome to the **LawnMaster OcuMow™ Robot Lawn Mower and Cordless Grass Trimmer Combo Kit**. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new lawn care system. The OcuMow™ robot mower features optical navigation for efficient lawn coverage without perimeter wires, while the cordless grass trimmer offers versatile trimming and edging capabilities.



Figure 1: LawnMaster OcuMow™ Robot Lawn Mower and Cordless Grass Trimmer Combo Kit.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) including safety glasses, long pants, and sturdy footwear when operating the mower or trimmer.
- **Area Preparation:** Clear the mowing area of any objects such as rocks, sticks, wires, or toys that could be thrown by the blades. Ensure children and pets are out of the mowing area.
- **Battery Safety:** Use only the specified batteries and charger. Do not expose batteries to water or extreme temperatures.
- **Mower Operation:** Do not operate the robot mower in wet conditions. Ensure the mower is on a clearly defined lawn edge to prevent it from leaving the grass.
- **Trimmer Operation:** Keep hands and feet away from the cutting line. Do not overreach. Maintain proper footing and balance at all times.

3. WHAT'S INCLUDED

Your LawnMaster OcuMow™ Combo Kit includes the following components:

- Robot mower
- 10-inch cordless grass trimmer
- 2 x MX 24V MAX* batteries
- 24V battery charger
- 33-feet of magnetic strip
- 12 x magnetic strip pegs
- Extra 3pcs blades

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OcuMow™

with Optical Navigation Technology



Mow Up to 1000-SqFt.

30-Ft of Magnetic Wires Included

Quiet: Only 68dB

Figure 2: Robot Mower components and features.



**24V 2.0Ah
Battery**

**Auto-Single
Line Feed**

**Lightweight:
4-Lbs**

Figure 3: Cordless Grass Trimmer components and features.

4. SETUP

4.1 Initial Battery Charging

Before first use, fully charge both 24V MAX batteries using the provided 24V battery charger. Insert the battery into the charger until it clicks into place. The indicator light on the charger will show charging status.

4.2 Robot Mower Placement and Boundary Setup

The OcuMow™ robot mower is designed for perimeter wire-free operation. For best results, a clearly defined edge around the full perimeter of your lawn is required to prevent the mower from leaving the grass. This can be a paving, gravel, or a raised edge at least 2.3 inches high.

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Robot Lawn Mower and
Cordless Grass Trimmer



Mower Up to
4000-sft

Climb 35% (19°)
Slope

IPX4 Weather
Resistant

No Go
Function

Obstacle
Avoidance

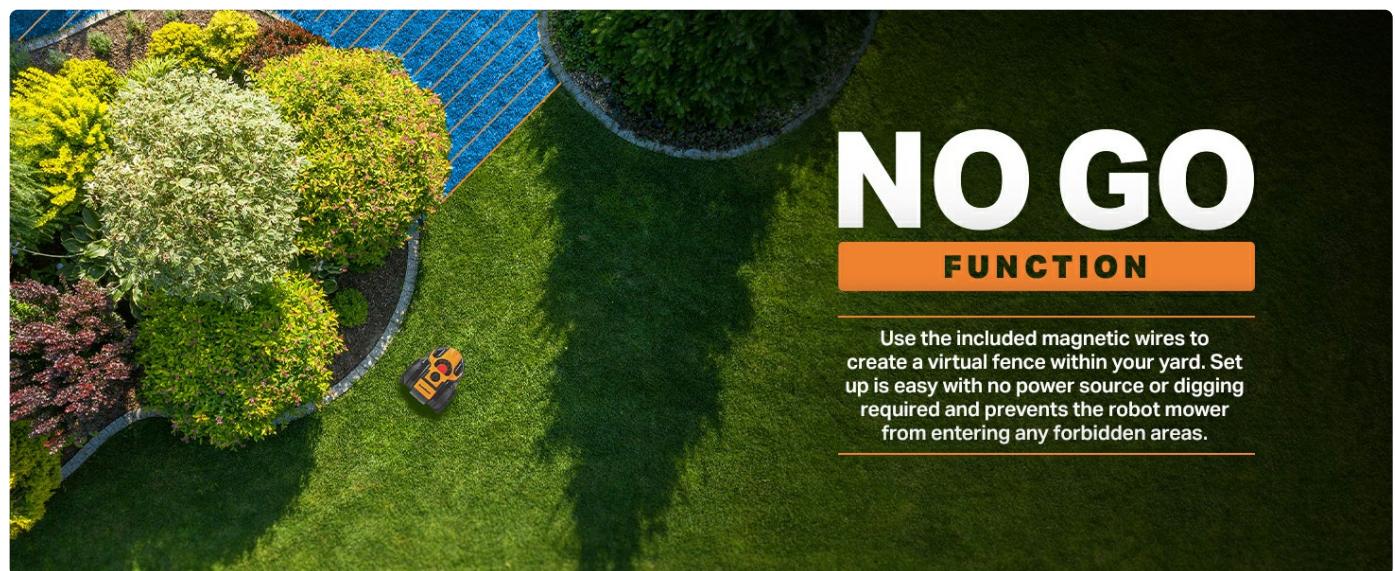
Anti-Theft
Protection

Ultra-Quiet
Technology

Figure 4: Robot mower operating on a lawn with a clear boundary.

4.3 No-Go Function (Optional)

Use the included 33-feet of magnetic wire and pegs to create virtual fences within your yard. This is useful for preventing the robot mower from entering specific forbidden areas like flower beds or ponds. No power source or digging is required for this setup.



NO GO FUNCTION

Use the included magnetic wires to
create a virtual fence within your yard. Set
up is easy with no power source or digging
required and prevents the robot mower
from entering any forbidden areas.

Figure 5: Implementing the No-Go Function with magnetic wire.

5. OPERATING INSTRUCTIONS

5.1 Robot Mower Operation (Drop and Mow)

The OcuMow™ features a "Drop and Mow" function, eliminating the need for an outdoor power socket, boundary wire, or app setup. Simply place the robot mower on an appropriately sized lawn, push the start button, and let it begin mowing.



CLIMB

UP TO

35% SLOPE

Deep tread wheels and powerful drive system
grips slopes to handle complex lawns.

Figure 6: Robot mower utilizing random pattern cutting.

5.2 Optical Navigation and Obstacle Avoidance

The robot mower uses optical navigation technology with sensors and a wide-angle, high dynamic range camera to identify grass and navigate efficiently. Two ultrasonic sensors detect obstacles as small as 6 inches, automatically redirecting the mower to avoid them.



DROP-N-MOW

RANDOM PATTERN CUTTING

No need for an outdoor power socket. Simply set the robot mower on an appropriately sized lawn once or twice a week during the daytime in dry weather and let it get to work.

Figure 7: Obstacle avoidance in action.

5.3 Cutting Height Adjustment

Adjust the cutting height from 1-inch to 2.5-inches using the dial on top of the mower. There are 4 cutting height positions available.



Figure 8: Adjusting the cutting height.

5.4 Cordless Grass Trimmer Operation

The 10-inch cordless grass trimmer features an auto line feed, 5-position pivoting head, and a 90° rotating shaft for manicuring edges or tight areas with precision. It also includes an adjustable assist handle for user comfort and a retractable guard for trimming around plants.



Figure 9: Trimming edges with the cordless grass trimmer.

5.5 Official Product Video

Your browser does not support the video tag.

Video 1: Overview of the LawnMaster Robot Lawn Mower Grass Trimmer Combo Kit. This video demonstrates the key features and benefits of the product, including its wire-free operation and the versatility of the grass trimmer.

6. MAINTENANCE

6.1 Blade Replacement

Regularly inspect the mower blades for wear and damage. Replace dull or damaged blades with the included extra blades to ensure optimal cutting performance. Refer to the detailed instructions in the full product manual for blade replacement procedures.

6.2 Cleaning

Keep the robot mower and grass trimmer clean from grass clippings and debris. Use a soft brush or cloth to clean the exterior. Do not use water jets or high-pressure cleaners directly on the units.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please refer to the full product manual or contact customer support.

Problem	Possible Cause	Solution
Mower gets stuck in pits or uneven spots.	Uneven lawn surface.	Fill holes or level uneven spots in your lawn. The OcuMow works best on even lawns.
Mower leaves patchy areas or stripes.	Grass height too high; initial use.	Ensure grass height is below 2.5 inches. Stripes are normal initially but will reduce with continued use.
Mower is not charging.	Improper battery insertion; charger issue.	Ensure battery is correctly inserted into the charger. Check charger connection and power outlet.
Mower is too loud.	Unusual noise.	The OcuMow is designed to be quiet (approx. 68dB). If unusual noise occurs, check for debris around blades or contact support.

8. SPECIFICATIONS

- Brand:** LawnMaster
- Model:** VBRMGT601YCM2-01
- Power Source:** Battery (2 x MX 24V MAX Lithium Ion)
- Material:** Plastic
- Color:** Orange
- Item Weight:** 25 Pounds
- Mower Cutting Width:** 6.3 Inches
- Mower Cutting Heights:** 4 positions (1-inch to 2.5-inch)
- Trimmer Cutting Width:** 10 Inches
- Operation Mode:** Manual (for starting)
- Product Dimensions (Mower):** 22"D x 14.5"W x 10"H
- Max Slope:** Up to 35% (19°)
- Noise Level:** Approximately 68dB
- Recommended Lawn Size:** Up to 4000 square feet (with 2 batteries and additional charging)

9. WARRANTY AND SUPPORT

LawnMaster products are backed by a manufacturer's warranty. For specific warranty details, registration, or technical support, please refer to the warranty card included with your product or visit the official LawnMaster website. Keep your purchase receipt for warranty claims.

For further assistance, you may also contact LawnMaster customer service directly.

