

## WORX WR342

# WORX Robot Lawn Mower WR342 Vision Cloud 4WD User Manual

## INTRODUCTION

The WORX WR342 Vision Cloud 4WD Robot Lawn Mower is designed for efficient and autonomous lawn maintenance. This model features all-wheel drive for superior traction on varied terrain, AI-powered obstacle avoidance, and RTK Cloud accuracy for precise navigation without the need for perimeter wires. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your robot lawn mower.

Key features include:

- **Centimeter-level RTK Cloud Accuracy:** Utilizes commercial-grade RTK technology for precise navigation without local antenna installation.
- **Built for Extreme Terrain:** 4WD system and terrain-adaptive chassis handle slopes up to 84% (~40°) and uneven ground.
- **AI Obstacle Avoidance:** Vision AI recognizes and intelligently responds to objects, ensuring smooth and safe operation.
- **Auto Mapping:** Automatically maps your lawn with smooth paths and accurate edge detection.
- **Infinite Zone Mowing & App Remote Control:** Manage multiple mowing zones, define no-go areas, and control the mower via a smartphone app.
- **Cut-to-Edge Border Cutting with Cut-to-Zero:** Minimizes leftover grass and trims close to fixed borders, reducing manual trimming.
- **Reliable Navigation in Shade:** V-SLAM-based sensor fusion maintains precise navigation in shaded areas where RTK signals may be weak.

## SETUP GUIDE

Setting up your WORX WR342 Vision Cloud 4WD is designed to be straightforward due to its wire-free operation. Follow these steps for initial installation:

1. **Charging Station Placement:** Select a suitable location for the charging station. It should be on a level surface, preferably in a shaded area, with access to a power outlet. Ensure there is clear space around the station for the

mower to dock easily.

2. **Initial Charge:** Place the mower on the charging station to fully charge the battery before its first use.
3. **App Installation and Connection:** Download the WORX Landroid app on your smartphone. Follow the in-app instructions to connect your mower to your home Wi-Fi network (2.4 GHz recommended for initial setup).
4. **Automatic Mapping:** Once connected, the mower will begin its auto-mapping process. The Vision AI system will scan your lawn to understand its shape and boundaries. Ensure your lawn is clear of large obstacles during this initial mapping phase for best results.
5. **Define Zones and No-Go Areas:** Use the app to refine your lawn map, create multiple mowing zones, and designate any no-go areas (e.g., flower beds, pools) to prevent the mower from entering them.



The WORX WR342 Vision Cloud 4WD Robot Lawn Mower ready for operation on a well-maintained lawn.

Official video demonstrating the features and setup of the Worx Landroid Vision Cloud 4WD Robot Lawn Mower.

## OPERATION

---

The WORX WR342 is designed for autonomous operation, but offers various settings to customize your lawn care experience.

### Mowing Schedules and Patterns

You can set daily or weekly mowing schedules through the Landroid app. The mower supports various cutting patterns including Parallel, Checkerboard, Diamond, and a Natural look. These can be selected and changed via the app to achieve your desired lawn finish.

### App Control and Zone Management

The Landroid app provides comprehensive control over your mower. You can monitor its progress, manage unlimited

mowing zones, define custom pathways between zones, and edit your lawn map. This allows for precise control over where and when the mower operates.



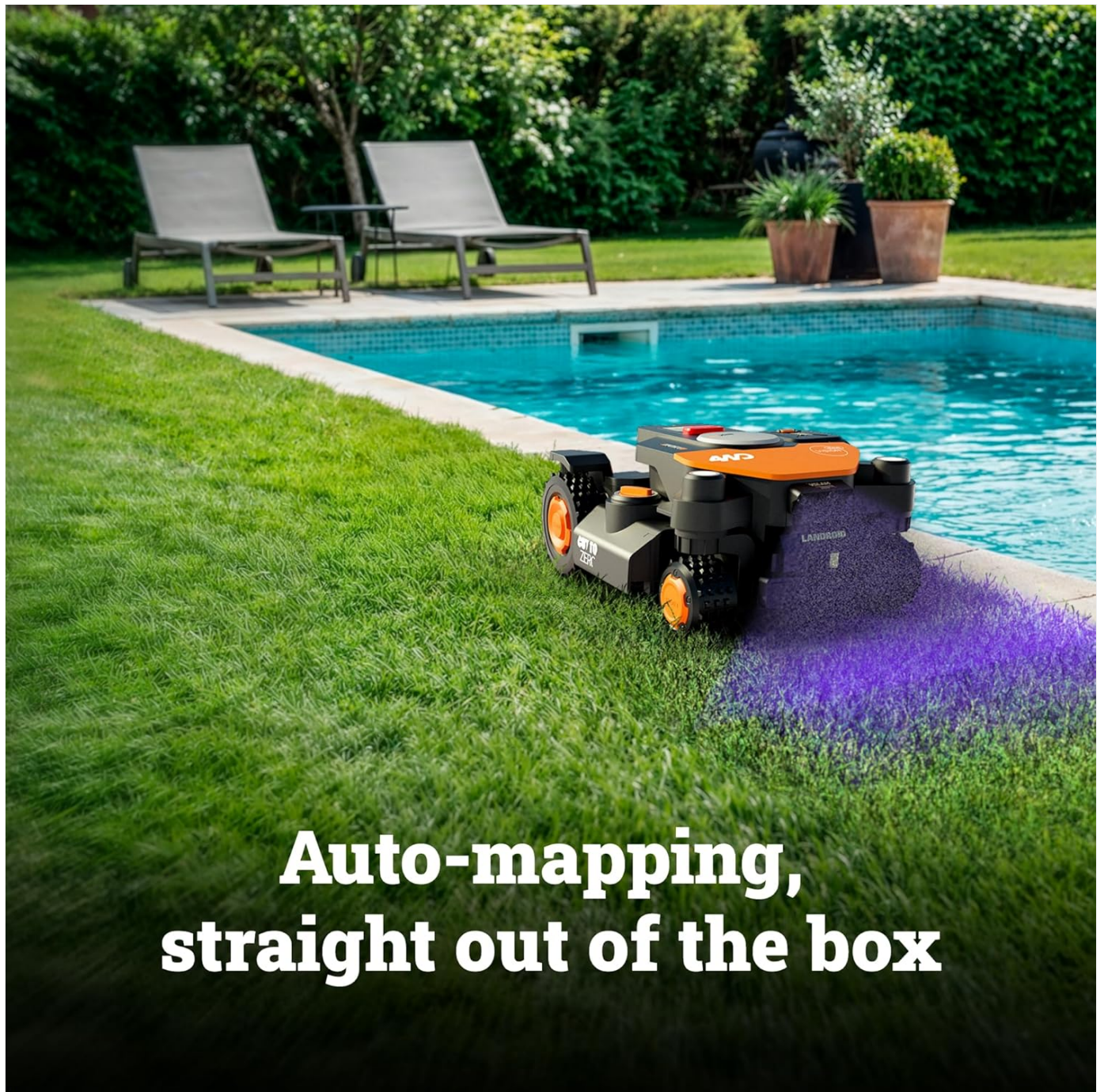
**RTK** **CLOUD**  
no on-site antenna  
**LIFETIME FREE**

# RTK precision, delivered over the cloud

Adjust cutting height and other settings directly from your smartphone app.

## AI Obstacle Avoidance

The Vision AI system allows the mower to recognize and avoid obstacles such as garden furniture, toys, and pets. It intelligently navigates around these items without unnecessary stops or reroutes, ensuring continuous mowing.



# Auto-mapping, straight out of the box

The mower's AI obstacle avoidance system detects and navigates around items like balls, tools, and toys.

## Terrain Adaptability and Edging

The 4WD system and terrain-adaptive chassis provide excellent traction on slopes up to 84% and uneven ground. The Cut-to-Zero feature ensures that the mower trims very close to edges, reducing the need for manual string trimming.



## Built to turn – without tearing your turf

The Cut-to-Zero feature allows the mower to trim precisely along borders, minimizing unfinished edges.

### MAINTENANCE

---

Regular maintenance ensures the longevity and optimal performance of your WORX WR342 Robot Lawn Mower.

#### Battery Care

The mower uses a PowerShare battery. Ensure the battery is charged regularly, especially during periods of non-use, to maintain its health. The PowerShare system allows you to swap batteries with other compatible WORX tools.



## Power that works everywhere

Swap the PowerShare battery from your Vision Cloud into hundreds of Worx tools for outdoor and DIY projects. Less cost, less clutter, more done.

The PowerShare battery system allows for interchangeable use with other WORX 20V, 40V, and 80V tools.

## Cleaning

Periodically clean the mower's cutting deck, wheels, and sensors to remove grass clippings and debris. This prevents buildup that could affect performance and sensor accuracy. Always turn off the mower and remove the battery before cleaning.

## Blade Replacement

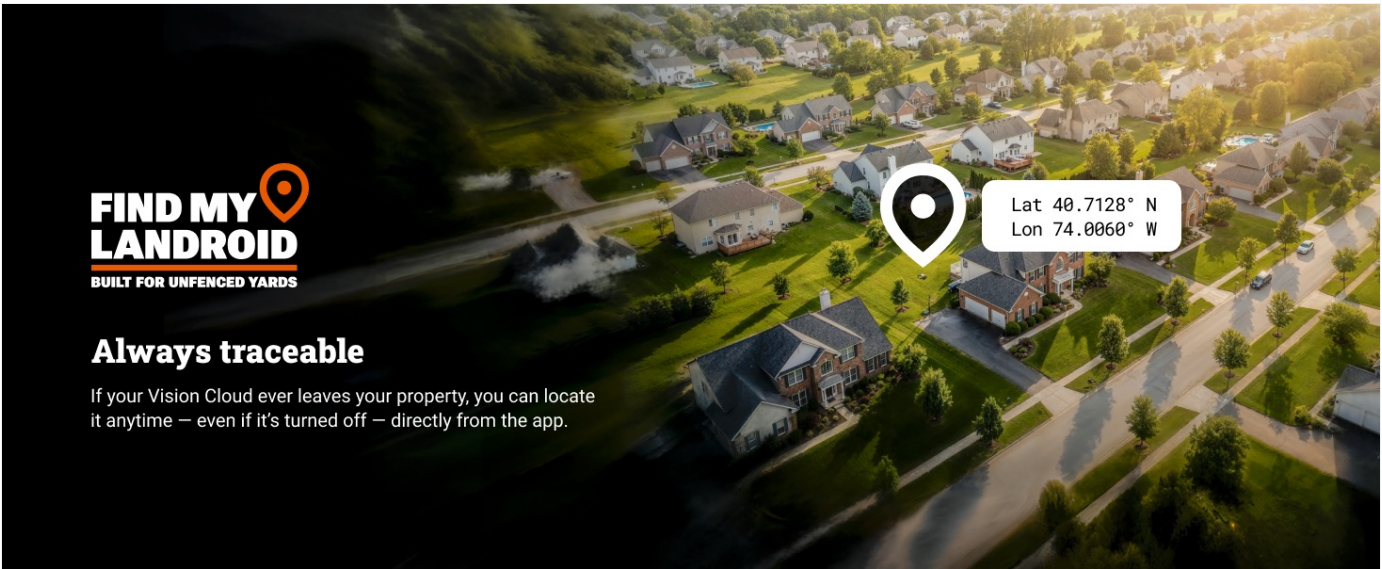
Inspect the cutting blades regularly for wear and tear. Dull or damaged blades can affect cutting quality. Replace blades as needed, following the instructions in the full product manual.

## TROUBLESHOOTING

---

If you encounter issues with your WORX WR342, consider the following common troubleshooting steps:

- **Connectivity Issues:** Ensure your Wi-Fi network is stable and the mower is within range. If issues persist, try restarting your router and the mower.
- **Mapping Problems:** If the mower is not covering areas correctly or getting confused, review your lawn map in the app. You may need to manually drive the mower to refine boundaries or define additional no-go zones. Ensure the lawn is clear of tall weeds or debris that could interfere with Vision AI during mapping.
- **Uneven Cutting:** Check the cutting height setting in the app. Inspect the blades for sharpness and damage; replace if necessary.
- **Mower Stops Unexpectedly:** Check for obstacles that might be triggering the AI avoidance system. Ensure the battery is adequately charged. Consult the app for any error messages or diagnostic information.
- **"Find My Landroid" Feature:** If your mower is lost or stolen, the integrated GPS tracking and cellular connectivity allow you to locate it via the app, even if it's powered off.



The 'Find My Landroid' feature provides GPS tracking for your mower, accessible via the app.

## SPECIFICATIONS

|                                   |                       |
|-----------------------------------|-----------------------|
| Brand                             | WORX                  |
| Model Number                      | WR342                 |
| Power Source                      | Battery Powered       |
| Material                          | Plastic               |
| Style                             | All-Wheel Drive       |
| Cutting Width                     | 8.7 inches            |
| Operation Mode                    | Automatic             |
| Product Dimensions (D x W x H)    | 26.1" x 11.5" x 18.9" |
| Maximum Adjustable Cutting Height | 3.54 inches           |
| Minimum Adjustable Cutting Height | 1.57 inches           |
| Battery Average Life              | 41 minutes            |
| UPC                               | 822465353565          |

## WARRANTY AND SUPPORT

The WORX WR342 Robot Lawn Mower comes with a **3-year manufacturer's warranty**. For warranty claims or technical assistance, please refer to the contact information provided in your product packaging or visit the official WORX support website.

Additional support resources, including app troubleshooting, online guides, phone support, and email support, are available to assist you with any questions or issues you may encounter.



The product is backed by a 3-year manufacturer's warranty (2 years standard + 1 year upon registration).

## 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