



Manuals.plus /

› WORX /

› WORX Landroid WR169E Robotic Lawn Mower User Manual

## WORX WR169E

# WORX Landroid Robotic Lawn Mower WR169E - User Manual

MODEL: WR169E

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your WORX Landroid WR169E Robotic Lawn Mower.

## 1. INTRODUCTION

---

The WORX Landroid WR169E is an intelligent robotic lawn mower designed to automate lawn care for areas up to 300m<sup>2</sup>. Equipped with patented AIA (Artificial Intelligence Algorithm) technology, it navigates complex garden layouts efficiently, reducing mowing time compared to conventional robotic mowers. Its smart app control allows for remote management, personalized scheduling, and multi-zone programming, ensuring a consistently manicured lawn with minimal effort. Key features include:

- **Patented AIA Technology:** For efficient navigation and complete lawn coverage.
- **Smart App Control:** Manage schedules, settings, and receive updates from your smartphone.
- **Multi-Zone Programming:** Seamless operation across different lawn areas.
- **Automatic Charging:** Returns to the charging station when battery is low.
- **Precision Cutting System:** 16 cm cutting width with 3 pivoting blades for a healthy lawn.
- **Cut-to-Edge Feature:** Minimizes manual trimming along borders.
- **Weather and Safety Sensors:** Rain sensor and lift/tilt sensors for reliable and secure operation.

## 2. SAFETY INFORMATION

---

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

- **General Safety:** Keep children and pets away from the mowing area while the Landroid is operating.
- **Blade Safety:** The blades are sharp. Always wear protective gloves when handling or cleaning the blades. Never attempt to stop the blades with your hands or feet.
- **Power Source:** Use only the charger and power supply provided by WORX. Ensure the power cable is not

damaged or cut.

- **Boundary Wire:** Ensure the boundary wire is correctly installed and secured to prevent tripping hazards or damage to the wire.
- **Obstacles:** Remove all foreign objects (stones, toys, wires, etc.) from the lawn before operation to prevent damage to the Landroid or injury.
- **Maintenance:** Disconnect the Landroid from the charging station and turn off the power switch before performing any maintenance, cleaning, or blade replacement.
- **Weather Conditions:** The Landroid is equipped with a rain sensor. Allow it to return to its charging station during rain. Do not operate in extreme weather conditions.
- **Slope Operation:** Do not operate the Landroid on slopes exceeding the recommended gradient (refer to specifications).

### 3. PACKAGE CONTENTS

---

Carefully unpack all items and ensure you have received the following components:

- WORX Landroid Robotic Lawn Mower (WR169E)
- Charging Station
- Power Adapter
- Boundary Wire (approx. 130m)
- Boundary Wire Pegs (approx. 180 pcs)
- Replacement Blades (9 pcs) and Screws
- Hex Key
- Battery Pack (20V PowerShare)
- User Manual (this document)



Image: The WORX Landroid WR169E Robotic Lawn Mower, showcasing its compact design and control panel.

## 4. SETUP

---

### 4.1 Charging Station Installation

Choose a suitable location for the charging station. It should be on a flat surface, preferably in the shade, and near a power outlet. Ensure there is enough clear space around the station for the Landroid to dock easily.

1. Place the charging station on a level area.
2. Connect the power adapter to the charging station and plug it into a suitable outdoor power outlet.
3. Secure the charging station to the ground using the provided pegs.

### 4.2 Boundary Wire Installation

The boundary wire defines the mowing area for your Landroid. It must be laid correctly to ensure proper operation.

1. Lay the boundary wire around the perimeter of your lawn, ensuring it is at least 26 cm (10 inches) from edges, walls, or obstacles.
2. Use the provided pegs to secure the wire to the ground every 80 cm (31 inches) or closer on curves.
3. For flowerbeds or obstacles within the lawn, create islands by running the wire from the main boundary to the obstacle and back, ensuring the wires run parallel and close together to cancel out the signal.
4. Connect the ends of the boundary wire to the terminals on the charging station. Ensure a secure connection.



Image: Front view of the Landroid WR169E, showing the front wheels and cutting deck area.

### 4.3 Initial Charging

Before first use, fully charge the Landroid.

1. Place the Landroid onto the charging station, ensuring the charging contacts align.
2. The charging indicator on the Landroid will illuminate. Allow it to charge until the battery is full (indicated by the display).

### 4.4 App Setup and Connectivity

The WORX Landroid app provides full control and customization options for your mower.

1. Download the "WORX Landroid" app from your smartphone's app store (iOS or Android).
2. Create an account or log in.
3. Follow the in-app instructions to connect your Landroid to your home Wi-Fi network. This typically involves scanning

a QR code on the mower or entering its serial number.

- Once connected, the app will guide you through initial setup, including mapping your lawn and setting up a mowing schedule.

## 5. OPERATING YOUR LANDROID

---

### 5.1 Manual Operation

You can start or stop the Landroid directly from its control panel.

- To Start:** Press the "START" button, then close the cover. The Landroid will begin mowing according to its schedule or immediately if no schedule is set.
- To Stop:** Press the "STOP" button on the control panel. The Landroid will cease operation and the blades will stop.



Image: Side view of the Landroid WR169E, highlighting the large drive wheels and cutting height adjustment dial.

### 5.2 Smart App Control and Scheduling

The Landroid app offers comprehensive control over your mower.

- Scheduling:** Use the app to set daily or weekly mowing schedules. The Landroid's AI will suggest an optimized schedule based on your lawn size.
- Multi-Zone Management:** If your garden has multiple distinct lawn areas, use the app to define these zones. The Landroid can then be programmed to mow each zone effectively.
- No-Go Zones (Optional Accessory):** If you have the optional "No-Go Zone" accessory, you can use the app to define areas the Landroid should avoid without needing to adjust the physical boundary wire.
- Firmware Updates:** The app will notify you of available firmware updates for your Landroid, ensuring it always has the latest features and improvements.
- Status Monitoring:** View the Landroid's current status, battery level, and mowing progress from anywhere.

## 5.3 Cutting Height Adjustment

The cutting height can be adjusted to suit your lawn's needs.

- Locate the cutting height adjustment dial on top of the Landroid.
- Rotate the dial to select your desired cutting height. The WR169E typically offers multiple height settings (e.g., 20mm to 60mm).

## 5.4 Rain Sensor

The built-in rain sensor detects precipitation. When rain is detected, the Landroid will pause its mowing operation and return to the charging station. It will resume mowing once the lawn is dry, according to its schedule.

# 6. MAINTENANCE

---

Regular maintenance ensures optimal performance and extends the lifespan of your Landroid.

## 6.1 Cleaning

Clean your Landroid regularly, especially the cutting deck and wheels.

- Turn off the Landroid and disconnect it from the charging station.
- Use a soft brush or cloth to remove grass clippings, dirt, and debris from the body, wheels, and charging contacts.
- Carefully clean the cutting deck area. Do not use a high-pressure washer or hose directly on the Landroid.



Image: Rear view of the Landroid WR169E, showing the rear wheels and charging contacts.

## 6.2 Blade Replacement

The Landroid's blades are reversible and should be replaced periodically (typically every 1-3 months, depending on usage and lawn conditions) to ensure a clean cut.

1. Turn off the Landroid and put on protective gloves.

2. Carefully flip the Landroid over to access the cutting deck.
3. Using the provided hex key, unscrew the old blades.
4. Attach new blades and screws, ensuring they are securely fastened but can still pivot freely.

### 6.3 Battery Care and Winter Storage

For optimal battery life and to prepare for the off-season:

- Fully charge the battery before storing the Landroid for extended periods.
- Store the Landroid and its battery in a dry, frost-free environment.
- If storing for more than 3 months, it is recommended to charge the battery every 3 months to maintain its health.

## 7. TROUBLESHOOTING

---

This section addresses common issues you might encounter with your Landroid.

Problem	Possible Cause	Solution
Landroid not starting/mowing.	Battery low; Power switch off; Boundary wire issue; Rain sensor active.	Charge battery; Turn on power switch; Check boundary wire connection/integrity; Wait for lawn to dry.
Landroid gets stuck frequently.	Obstacles in mowing area; Uneven terrain; Boundary wire too close to obstacles.	Remove obstacles; Level uneven areas; Adjust boundary wire distance.
Uneven cutting result.	Dull blades; Incorrect cutting height; Mowing frequency too low.	Replace blades; Adjust cutting height; Increase mowing frequency via app.
Landroid not returning to charging station.	Charging station blocked; Boundary wire signal issue; Station not powered.	Clear path to station; Check boundary wire connections; Ensure station is powered.

For more detailed troubleshooting or error codes, refer to the WORX Landroid app or the official WORX support website.

## 8. SPECIFICATIONS

---

Feature	Detail
Model Number	WR169E
Recommended Lawn Area	Up to 300m <sup>2</sup>
Battery Type	20V PowerShare Lithium Ion
Cutting Width	16 cm
Cutting Height Adjustment	7 positions (e.g., 20mm - 60mm, based on typical Landroid models)
Product Dimensions (L x W x H)	55.8 x 40.4 x 20.5 cm
Item Weight	8.5 kg
Connectivity	Wi-Fi (App Control)
Rain Sensor	Yes
Safety Sensors	Lift, Tilt

## 9. WARRANTY AND SUPPORT

---

WORX products are manufactured to high quality standards and are guaranteed for a specific period from the date of purchase. Please refer to the warranty card included with your product or visit the official WORX website for detailed warranty terms and conditions specific to your region.

For technical support, spare parts, or service inquiries, please contact WORX customer service or visit their official support portal. Have your model number (WR169E) and serial number ready when contacting support.

**Visit the Official WORX Store on Amazon**