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Kress KR101E

Kress Grass Mower ROBOT/KR101E User Manual

Model: KR101E

1. Introduction

Thank you for choosing the Kress Grass Mower ROBOT/KR101E. This robotic lawn mower is designed to provide efficient and autonomous lawn care, ensuring a well-maintained garden with minimal effort. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your Kress robotic mower. Please read this manual thoroughly before operating the device and keep it for future reference.

2. Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury. This includes, but is not limited to, the following:

- Read all instructions carefully before operating the mower.
- Keep hands and feet away from the cutting blades.
- Do not operate the mower in wet conditions or during rain.
- Ensure the boundary wire is correctly installed and maintained to prevent the mower from leaving the designated area.
- Turn off the mower and remove the safety key before performing any maintenance or cleaning.
- Keep children and pets away from the operating area.
- Only use original Kress spare parts and accessories.
- Do not lift or carry the mower while it is operating.

3. Package Contents

Please check the package contents upon unpacking to ensure all components are present and undamaged. If any items are missing or damaged, contact your retailer.

- Kress Grass Mower ROBOT/KR101E
- Charging Station
- Power Adapter
- Boundary Wire (length may vary by model/kit)
- Stakes for Boundary Wire
- Replacement Blades and Screws

- User Manual (this document)
- Safety Key

4. Product Overview

Familiarize yourself with the main components of your Kress robotic mower.

Figure 4.1: Front-left view of the Kress KR101E Robotic Mower, showcasing its compact design, red wheels, and control panel on top.

Figure 4.2: Top view of the Kress KR101E Robotic Mower, highlighting the control panel with a large red STOP button, a rotary dial for cutting height adjustment, and a display screen.

Figure 4.3: Side view of the Kress KR101E Robotic Mower, emphasizing the large red drive wheels and the "Side Trim Technology" feature, designed for close-to-edge mowing.

Figure 4.4: Top-right view of the Kress KR101E Robotic Mower, showing the overall sleek design and the integrated QR codes for app downloads.

Figure 4.5: Rear view of the Kress KR101E Robotic Mower, showing the rear castor wheel and the robust chassis.

Figure 4.6: Underside view of the Kress KR101E Robotic Mower, clearly showing the cutting disc with multiple blades and the textured red drive wheels.

Key Components:

- **Control Panel:** For setting up and managing the mower's functions.

- **STOP Button:** Immediately stops the mower and cutting blades for safety.
- **Cutting Height Adjustment Dial:** Allows manual adjustment of the grass cutting height.
- **Charging Contacts:** Located on the front underside, these connect with the charging station.
- **Drive Wheels:** Large, robust wheels for traction on various terrains.
- **Cutting Blades:** Multiple small, sharp blades mounted on a rotating disc for efficient cutting.
- **Safety Key Slot:** Insert the safety key to enable operation.

5. Setup Guide

5.1. Charging Station Placement

Choose a flat, level area with access to a power outlet. The charging station should be placed in a location where the mower can easily approach and depart, ideally in a shaded area to protect it from direct sunlight.

5.2. Boundary Wire Installation

The boundary wire defines the mowing area. Lay the wire around the perimeter of your lawn, securing it with the provided stakes. Ensure the wire is taut and buried or securely fastened to the ground to prevent tripping hazards and damage. Maintain a specific distance from obstacles as per the detailed instructions in the full manual.

5.3. Initial Charging

Connect the power adapter to the charging station and a power outlet. Place the mower onto the charging station, ensuring the charging contacts align. Allow the mower to fully charge before its first operation. The indicator light on the mower or charging station will show charging status.

5.4. Setting Up the App (Optional)

For enhanced control and scheduling, download the Kress app from your smartphone's app store. Follow the in-app instructions to pair your mower with your device. This allows for remote control, scheduling, and monitoring.

6. Operating Instructions

6.1. Starting the Mower

1. Ensure the mower is fully charged and the safety key is inserted.
2. Press the START button (if available) or navigate through the control panel menu to initiate mowing.
3. The mower will automatically leave the charging station and begin mowing within the defined boundary.

6.2. Adjusting Cutting Height

The cutting height can be adjusted using the rotary dial on the top of the mower. Turn the dial to select your desired grass length. Refer to the markings on the dial for specific height settings.

6.3. Stopping the Mower

To stop the mower at any time, press the large red STOP button. The mower will cease all operations and the blades will stop spinning. To resume, you may need to re-enter a PIN code and press START.

6.4. Scheduling Mowing Times

Use the control panel or the Kress app to set up a mowing schedule. You can define specific days and times for the mower to operate, allowing for fully automated lawn care.

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your Kress robotic mower. Always turn off the mower and remove the safety key before performing any maintenance.

7.1. Cleaning the Mower

- **Exterior:** Wipe the exterior with a damp cloth. Do not use high-pressure washers or running water directly on the mower.
- **Underside and Blades:** Regularly clean grass clippings from the cutting deck and around the blades. Use a brush or a blunt scraper. Wear protective gloves.
- **Charging Contacts:** Keep the charging contacts on both the mower and the charging station clean and free of debris.

7.2. Blade Replacement

The blades should be replaced regularly (e.g., every 1-3 months, depending on usage and grass type) to ensure a clean cut. Use only original Kress replacement blades.

1. Turn off the mower and remove the safety key.
2. Carefully turn the mower upside down.
3. Using a screwdriver, remove the screws holding the old blades in place.
4. Replace with new blades and screws, ensuring they are securely fastened.
5. Dispose of old blades safely.

7.3. Battery Care

The mower is powered by a Lithium-ion battery. For optimal battery life, store the mower in a cool, dry place during off-season, ensuring the battery is fully charged before storage. Avoid prolonged exposure to extreme temperatures.

8. Troubleshooting

This section addresses common issues you might encounter with your Kress robotic mower. For more complex problems, refer to the full troubleshooting guide in the comprehensive manual or contact customer support.

Problem	Possible Cause	Solution
Mower not starting	Safety key not inserted; Battery low; PIN not entered; STOP button pressed.	Insert safety key; Charge battery; Enter PIN; Release STOP button and restart.
Mower not staying within boundary	Boundary wire damaged or disconnected; Incorrect wire installation.	Check boundary wire for breaks or loose connections; Ensure correct installation distance from obstacles.
Poor cutting performance	Dull or damaged blades; Excessive grass height; Debris on cutting deck.	Replace blades; Adjust cutting height; Clean cutting deck.
Mower stuck or trapped	Obstacle in mowing path; Uneven terrain.	Remove obstacles; Adjust boundary wire to avoid problematic areas; Level uneven ground.

9. Technical Specifications

Feature	Specification

Feature	Specification
Model Number	KR101E
Brand	Kress
Product Dimensions (L x W x H)	54.2 x 23.6 x 40.1 cm
Item Weight	8.8 Kilograms
Battery Type	1 Lithium-ion (required)
Power Source	Battery Powered
Material	Plastic
Cutting Width	18 Centimeters
Adjustable Max Cutting Height	60 Millimeters
Operating Mode	Automatic
Manufacturer	Positec Germany GmbH
Country of Origin	United States of America

10. Warranty and Support

Kress products are manufactured to high quality standards and are guaranteed against manufacturing defects. The specific warranty period and terms may vary by region and retailer. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, spare parts, or warranty inquiries, please contact your local Kress service center or the retailer from whom you purchased the product. You may also visit the official Kress website for support resources and contact information.

Note: Information regarding spare parts availability is not provided in the product specifications. Please contact customer support for details.

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[Kress Mission Nano KR101E Owner's Manual]

Comprehensive owner's manual for the Kress Mission Nano KR101E robotic lawnmower, covering safety, operation, maintenance, and technical specifications.

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Owner s Manual Kress Nano 600 KR101E robotmaaier nl 2023 04 |||

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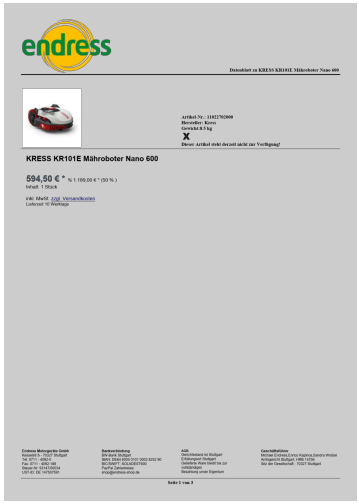

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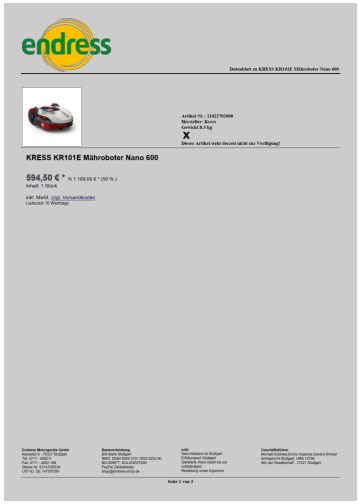

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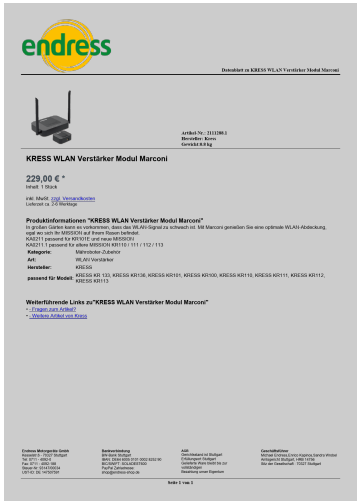

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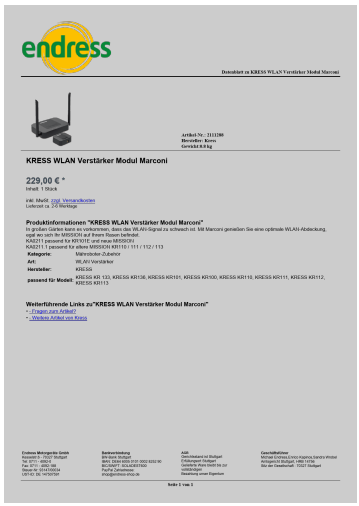

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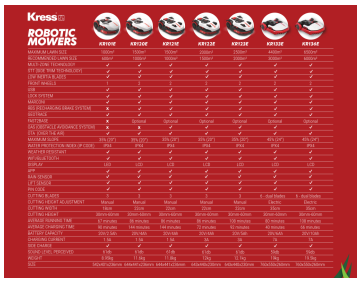

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Kress Robot Mower Comparison Chart KR101E TurfOnline assets turfonline co uk 2025 02 |||

ROBOTIC MOWERS **KR101E** KR120E KR121E MAXIMUM LAWN SIZE 1000m 1500m 1500m RECOMMENDED LAWN SIZE 600m 1000m 1000m MULTI-ZONE TECHNOLOGY STT SIDE TRIM TECHNOLOGY LOW INERTIA BLADES FRONT WHEELS 1 2 2 USB LOCK SYSTEM MARCONI RBS RECHARGING BRAKE...

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Viele tolle Angebote auch online www.goelz-shop.de Die Vorteile eines Mhroboters stets gepflegter ... enleistung max. Steigung Schnittbreite Schnitthhe Akku Funktionen Schnittstellen Aktions-Preis UVP **KR101E** Nano KR120E 1.000 m 1.500 m 35 35 18 cm 22 cm 30-60 mm 30-60 mm 2,9 Ah 2,9 Ah ST...

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[Kress KR133E Robotic Lawnmower Parts List and Diagram]

Detailed parts list and diagram for the Kress KR133E robotic lawnmower. Find comprehensive information on all components, including SKUs, part names, and associated diagram tags for easy identification and replacement.

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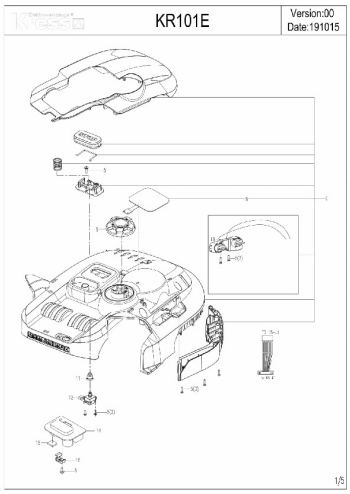

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