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> HEADNMORE® Bundle – Parkside® 20 V Robotic Lawnmower PAMR 500 User Manual

HEADNMORE PAMR 500 Bundle

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Brand: HEADNMORE

Model: PAMR 500 Bundle

1. IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before operating the device. Failure to follow safety guidelines can result in injury or damage to the product.



Image: Common safety and disposal symbols relevant to the robotic lawnmower and its battery. These symbols indicate proper usage, environmental considerations, and potential hazards.

- Always ensure the work area is clear of obstacles and people, especially children and pets, before operation.
- Do not operate the lawnmower in wet conditions or rain. The integrated rain sensor will automatically return the mower to its charging station.
- Use the central stop button for immediate shutdown in case of emergency.
- Ensure the PIN code protection is set up to prevent unauthorized use or theft.
- Regularly inspect blades for wear and damage. Replace them as necessary following the maintenance guidelines.
- The device is equipped with lift and tilt sensors that immediately stop the blades if the mower is lifted or tilted.

- Only use original replacement parts and accessories.

2. PRODUCT OVERVIEW

The HEADNMORE® Bundle features the Parkside® 20 V PAMR 500 Robotic Lawnmower, designed for efficient and autonomous lawn care. This advanced robotic mower is suitable for lawns up to 500 m² and comes equipped with a durable brushless motor for extended lifespan and reduced wear.



Image: The complete HEADNMORE bundle, showcasing the Parkside PAMR 500 robotic lawnmower along with the included folding rule and keychain.

Key Features:

- **Brushless Motor:** Ensures high durability and reduced wear for a longer product life.
- **Automatic Charging:** The mower automatically returns to its charging station when the battery is low or when it detects rain.
- **Multiple Surface Modes:** Offers three adjustable mowing modes: full perimeter, up to 5 defined sub-zones, or spot mowing for targeted areas.
- **Programmable Operation:** Individually programmable working hours for each day of the week, up to 2 hours per day.
- **Integrated Rain Sensor:** Enables weather-controlled lawn care, ensuring the mower returns to base during rain.
- **LCD Display:** For easy configuration and control of the mower's settings.
- **PIN Code Protection:** Protects against unauthorized activation or theft.

- **Adjustable Cutting Height:** Central knob for adjusting cutting height from 25 mm to 60 mm.
- **Reversible 3-Blade System:** Ensures efficient cutting with double-sided blades.
- **Safety Stop Button:** Large stop button for immediate blade quick-stop.
- **Powerful Rear-Wheel Drive:** Capable of handling terrain slopes up to 25°.
- **Obstacle and Limit Sensors:** Automatically change direction upon detecting obstacles or boundary wires.
- **Lift and Tilt Sensors:** Immediately stop the mower for safety if lifted or tilted.
- **20V Lithium-Ion Battery:** Powerful 2.0 Ah battery with cell balancing for extended battery life. Compatible with all PARKSIDE X 20 V Team series batteries.

3. PACKAGE CONTENTS

The HEADNMORE® Bundle includes the following items:

- 1 x Parkside® 20 V Robotic Lawnmower PAMR 500
- 1 x Charging Station
- 1 x Power Cable (3m) for Charging Station
- 6 x Fixing Screws for Charging Station
- 1 x Boundary Wire (130m)
- 200 x Fixing Hooks for Boundary Wire
- 3 x Replacement Blades
- 3 x Screws for Blade Mounting
- 1 x Allen Key
- 1 x Parkside Performance Folding Rule (2m, black)
- 1 x HEADNMORE Bottle Opener Keychain



Image: The Parkside Performance folding rule, a 2-meter black measuring tool included in the bundle.



Image: The HEADNMORE bottle opener keychain, a compact black accessory with the brand logo.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your robotic lawnmower. Follow these general steps:

- 1. Charging Station Placement:** Select a suitable location for the charging station. It should be on a flat surface, preferably in a shaded area, with access to a power outlet. Ensure there is enough clear space around the station for the mower to dock easily. Secure the charging station to the ground using the provided fixing screws.
- 2. Boundary Wire Installation:** Lay the boundary wire around the perimeter of your lawn, defining the mowing area. The wire can be buried slightly or secured to the ground using the provided fixing hooks. Ensure the wire is laid correctly around obstacles and no-go zones. Connect both ends of the boundary wire to the charging station as per the detailed diagram in the full manual.
- 3. Power Connection:** Connect the charging station's power cable to a suitable outdoor power outlet. The charging station has a 3-level status indicator.
- 4. Initial Charging:** Place the robotic lawnmower onto the charging station to allow its battery to fully charge before first use.
- 5. PIN Code Setup:** Upon first activation, you will be prompted to set up a personal PIN code. This code is essential for security and to prevent unauthorized use. Keep this PIN code in a safe place.
- 6. Initial Configuration:** Use the integrated LCD display to configure initial settings such as language, time, and basic mowing parameters.

5. OPERATING INSTRUCTIONS

The Parkside PAMR 500 offers flexible operation modes to suit various lawn sizes and shapes.

Mowing Modes:

- **Full Perimeter Mowing:** The mower covers the entire area defined by the boundary wire.
- **Sub-Zone Mowing (1-5 zones):** Ideal for lawns with multiple distinct areas. You can define up to 5 secondary zones for the mower to navigate and mow.
- **Spot Mowing:** For concentrated mowing of specific, smaller areas, such as under garden furniture or around a play area.

Programming and Control:

- **Schedule Setting:** Program specific working hours for each day of the week using the LCD display. The mower can be set to operate for up to 2 hours per day.
- **Cutting Height Adjustment:** Use the central knob on the mower to adjust the cutting height between 25 mm and 60 mm, allowing you to customize your lawn's appearance.
- **Rain Sensor:** The integrated rain sensor will detect precipitation and automatically guide the mower back to its charging station, preventing operation in wet conditions.
- **Manual Stop:** Press the large red stop button on the top of the mower to immediately halt all operations and stop the blades.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your robotic lawnmower.

- **Blade Inspection and Replacement:** The mower uses a reversible 3-blade system. Regularly check the blades for sharpness and damage. Replace all three blades simultaneously when they become dull or damaged using the provided replacement blades and screws. Always wear protective gloves when handling blades.
- **Cleaning:** Periodically clean the underside of the mower to remove grass clippings and debris. Use a brush or cloth; avoid using water jets directly on electronic components.
- **Battery Care:** The 20V Lithium-Ion battery features cell balancing for extended life. Store the mower and battery in a dry, frost-free environment during off-season.
- **Charging Station:** Keep the charging station clean and free from debris to ensure proper contact with the mower.

7. TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting, refer to the full product manual.

- **Mower Stops Unexpectedly:**
 - Check if the lift or tilt sensors have been activated. Ensure the mower is on a flat surface.
 - Verify the boundary wire is intact and properly connected to the charging station.
 - Check for obstacles in the mowing path that might have triggered the obstacle sensors.
 - Ensure the battery is sufficiently charged. The mower will return to the charging station if the battery is low.
- **Mower Not Charging:**
 - Ensure the charging station is powered on and the power cable is securely connected.
 - Check the charging station's status indicator.
 - Clean the charging contacts on both the mower and the charging station.
- **Poor Mowing Performance:**
 - Inspect and replace dull or damaged blades.
 - Adjust the cutting height to suit the grass length.
 - Ensure the mowing area is free of excessive debris or very tall grass.
- **PIN Code Issues:**
 - If you forget your PIN, refer to the full manual for instructions on how to reset it, or contact customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Number	PAMR 500 Bundle
Brand	HEADNMORE / Parkside
Manufacturer	Grizzly Tools GmbH & Co. KG
Recommended Lawn Area	Up to 500 m ²
Cutting Width	18 cm
Cutting Height Adjustment	25 - 60 mm (central knob)
Max. Terrain Incline	25°
Battery Type	Lithium-Ion (Li-ion)
Battery Voltage / Capacity	20 V (2.0 Ah)
Mowing Time per Charge (2 Ah)	Approx. 45 min
Charging Time (2 Ah)	60 min
Max. Revolutions	2900 min ⁻¹
Charging Cable Length	5.5 m (with power supply)
Material	Plastic
Robotic Lawnmower Dimensions (W x H x D)	Approx. 41.3 x 23.5 x 61.2 cm
Charging Base Dimensions (W x H x D)	Approx. 48.2 x 22.6 x 66.6 cm
Robotic Lawnmower Weight (without battery)	Approx. 8.6 kg
Charging Base Weight	Approx. 2.7 kg
Accessories Weight (wire, hooks, bracket)	Approx. 2.46 kg
Keychain Material	Aluminum
Keychain Dimensions (L x W x H)	55 x 10 x 15 mm
Keychain Weight	14 g

9. WARRANTY AND SUPPORT

For warranty claims and technical support, please contact the manufacturer or your point of purchase.

- **Manufacturer:** Grizzly Tools GmbH & Co. KG
- **Return Policy:** The product is subject to a 30-day return policy for refund or replacement, as per the seller's terms.
- Always refer to the full product manual for comprehensive warranty details and contact information.



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