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PSIDE PAMT 20-Li A1

Parkside PAMT 20-Li A1 3-in-1 Cordless Grass Trimmer User Manual

Model: PAMT 20-Li A1 | Brand: PSIDE

1. Important Safety Instructions

WARNING: Before using the Parkside PAMT 20-Li A1, carefully read and understand all safety instructions provided in this manual. Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment, including safety glasses, protective gloves, and sturdy protective clothing, when operating the device.
- Ensure that other people, children, and animals are kept at a safe distance from the work area during operation.
- Never operate the device in wet conditions or when it is snowing. Electrical tools can be hazardous in damp environments.
- Inspect the work area for any objects that could be thrown or entangled in the cutting line, such as rocks, wires, or debris. Remove them before starting.
- Always ensure the battery is removed before performing any adjustments, cleaning, or maintenance.
- Use only genuine Parkside replacement parts and accessories to ensure safety and optimal performance.

2. Product Overview and Features

The Parkside PAMT 20-Li A1 is a versatile 3-in-1 cordless tool designed for various lawn care tasks. It functions as a grass trimmer, an edger, and a compact lawn mower when used with its wheeled chassis attachment.



Figure 1: Parkside PAMT 20-Li A1 3-in-1 Cordless Grass Trimmer with mower chassis attachment. The main unit is green and black,

attached to a wheeled mower chassis. The telescopic handle is extended, and the cutting head is visible at the bottom.

Key Features:

- **3-in-1 Functionality:** Easily switch between grass trimming, edge trimming, and compact lawn mowing.
- **Mower Chassis:** Features smooth-running wheels and adjustable cutting height (35-55 mm) for comfortable and precise mowing. The trimmer unit attaches via a convenient click system.
- **Telescopic Guide Bar:** Allows continuous adjustment of the handle length to suit the user's body size, enhancing comfort and control.
- **Ergonomic Design:** Equipped with a non-slip Softgrip handle and an adjustable second handle for improved handling. Includes an integrated storage box for spare spools.
- **Safety Switch:** Integrated for secure operation.
- **Adjustable Cutting Head:** The cutting head can be angled in 5 positions for versatile trimming. It also rotates 0° or 180° for easy transition between trimming and edging functions.
- **Automatic Line Feed:** The spool cutting system automatically feeds the line, ensuring continuous operation.
- **Tool-Free Spool Change:** Simplifies maintenance and reduces downtime.
- **Protective Features:** Includes a protective cover with a line blade and a foldable plant protection bar to safeguard plants during trimming.
- **Battery Compatibility:** Compatible with all batteries from the Parkside X 20 V Team series (battery and charger sold separately).

3. Setup and Assembly

The Parkside PAMT 20-Li A1 requires minimal assembly. Ensure all components are present before beginning.

3.1 Package Contents:

- Parkside PAMT 20-Li A1 Trimmer Unit
- Wheeled Mower Chassis Attachment
- Adjustable Second Handle
- Protective Cover with Line Blade
- Plant Protection Bar
- 2 Wire Spools (1 pre-mounted, 1 spare)
- User Manual (this document)

Note: Battery and charger are not included and must be purchased separately.

3.2 Assembly Steps:

1. **Attach the Protective Cover:** Secure the protective cover to the trimmer unit using the provided fasteners. Ensure it is firmly in place to prevent debris from being thrown.
2. **Install the Plant Protection Bar:** If desired, attach the foldable plant protection bar to the protective cover.
3. **Mount the Second Handle:** Slide the adjustable second handle onto the telescopic guide bar and secure it at a comfortable position. Ensure the integrated storage box is accessible.
4. **Adjust the Telescopic Guide Bar:** Extend or retract the telescopic guide bar to achieve a comfortable working height. Lock it securely in position.
5. **Attach to Mower Chassis (Optional):** For mowing tasks, align the trimmer unit with the click system on the wheeled mower chassis. Press firmly until it clicks into place, indicating a secure connection.
6. **Insert Battery:** Ensure the battery is fully charged. Slide the 20V Parkside X Team battery into the battery compartment on

the trimmer unit until it locks securely.

4. Operating Instructions

Familiarize yourself with the controls and functions before operating the device.

4.1 Starting and Stopping:

- To start the device, press and hold the safety switch, then press the main power switch.
- To stop the device, release the main power switch. The cutting line will stop rotating.

4.2 Switching Between Functions (Trimmer, Edger, Mower):

- **Grass Trimmer Mode:** Use the trimmer unit independently for general grass cutting and clearing around obstacles.
- **Edger Mode:** To switch to edging, rotate the cutting head 180° until it locks into the edging position. This allows for precise vertical cutting along lawn edges.
- **Lawn Mower Mode:** Attach the trimmer unit to the wheeled mower chassis using the click system. Adjust the cutting height on the chassis as needed.

4.3 Adjusting Cutting Head and Height:

- **Cutting Head Angle:** The cutting head can be adjusted to 5 different angles. Press the angle adjustment button and set the head to the desired position for optimal reach or comfort.
- **Mower Cutting Height:** When using the mower chassis, adjust the cutting height by manipulating the chassis's height adjustment mechanism. The available cutting heights are between 35 mm and 55 mm.

4.4 Automatic Line Feed:

The device features an automatic line feed system. When the cutting line wears down, it will automatically extend to the correct length during operation. If the line does not feed, briefly tap the cutting head on the ground while the motor is running (only in trimmer mode, not on hard surfaces).

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Parkside PAMT 20-Li A1. Always remove the battery before performing any maintenance.

5.1 Cleaning:

- After each use, clean the device thoroughly. Remove grass clippings, dirt, and debris from the cutting head, protective cover, and ventilation slots.
- Use a damp cloth and mild soap for cleaning. Do not use harsh chemicals or abrasive materials.
- Ensure no water enters the motor housing or battery compartment.

5.2 Spool Replacement:

The device features a tool-free spool change system.

1. Ensure the battery is removed.
2. Press the release tabs on the spool cover and remove the cover.
3. Remove the empty spool.
4. Insert a new Parkside replacement spool, ensuring the line is threaded correctly through the eyelet on the spool cover.
5. Replace the spool cover, ensuring it clicks securely into place.

Store spare spools in the integrated storage box on the second handle for convenience.

6. Troubleshooting

This section addresses common issues you might encounter with your Parkside PAMT 20-Li A1.

Problem	Possible Cause	Solution
Device does not start.	Battery not inserted correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and correctly inserted. Press and hold the safety switch before pressing the main power switch.
Cutting line does not feed automatically.	Line is tangled or empty. Spool cover not properly secured.	Remove battery, check spool for tangles, or replace with a new spool. Ensure spool cover is securely clicked into place. Briefly tap the cutting head on the ground while running (trimmer mode).
Reduced cutting performance.	Worn cutting line. Accumulation of grass/debris.	Replace the cutting line spool. Clean the cutting head and protective cover thoroughly.
Device vibrates excessively.	Damaged cutting head or unbalanced line. Loose components.	Inspect the cutting head and line for damage; replace if necessary. Check all connections and fasteners for tightness.

If you encounter a problem not listed here or if the suggested solutions do not resolve the issue, please contact customer support.

7. Specifications

Model Number	PARKSIDE® PAMT 20-Li A1
Brand	PSIDE
Operating Type	Battery-powered
Battery Voltage	20 V (compatible with Parkside X 20 V Team series)
No-load Speed	8000 rpm
Cutting Width	Ø 28 cm
Cutting Height (Mower Chassis)	35-55 mm
Wire Length (Spool)	Approx. 5 m
Wire Diameter	Approx. 1.6 mm
Materials	Aluminum, Plastic, Nylon
Trimmer Dimensions (L x W x H)	Approx. 110/131 x 27 x 25 cm (depending on telescopic bar extension)
Mower Chassis Dimensions (L x W x H)	Approx. 57 x 36 x 14 cm
Trimmer Weight	Approx. 2.06 kg
Mower Chassis Weight	Approx. 3.3 kg
Overall Product Dimensions (L x W x H)	110 x 27 x 12.7 cm (as per product specifications, likely for the trimmer unit)

Color	Green

8. Warranty and Customer Support

For warranty information, product registration, or technical assistance, please refer to the documentation included with your purchase or visit the official PSIDE website.
Keep your purchase receipt as proof of purchase for any warranty claims.

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