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PARKSIDE PWDSA 20-Li A1

PARKSIDE® 20V Cordless Masonry Sander PWDSA 20-Li A1 User Manual

INTRODUCTION

Welcome to your new PARKSIDE® PWDSA 20-Li A1 Cordless Masonry Sander. This manual provides essential information for safe operation, proper setup, effective maintenance, and troubleshooting. Please read these instructions carefully before using the tool and keep them for future reference.



Image: PARKSIDE® PWDSA 20-Li A1 Cordless Masonry Sander. This image displays the overall design of the cordless masonry sander, highlighting its telescopic shaft and sanding head.

SAFETY INSTRUCTIONS

General Power Tool Safety Warnings:

- **Read all safety warnings, instructions, illustrations, and specifications** provided with this power tool. Failure to follow all instructions may result in electric shock, fire, and/or serious injury.
- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres**, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away** while operating a power tool. Distractions can cause you to lose control.
- **Use appropriate personal protective equipment (PPE)** such as safety glasses, dust mask, hearing protection, and gloves.
- **Ensure the power tool is switched off** before making any adjustments, changing accessories, or storing power tools.
- **Do not abuse the cord.** Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Store idle power tools** out of the reach of children and do not allow persons unfamiliar with the power

tool or these instructions to operate the power tool.

- **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.
- **Use the power tool, accessories, and tool bits** in accordance with these instructions, taking into account the working conditions and the work to be performed.
- **Battery tool use and care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are present and undamaged:

- 1 x PARKSIDE® PWDSA 20-Li A1 Cordless Masonry Sander (main unit)
- 1 x Wrench
- 1 x Carrying Case
- 1 x 2m Hose (for dust extraction)
- 1 x Dust Bag
- 8 x Sanding Paper (2 pieces each of 150, 180, 240, 400 grit)

Note: The battery and charger are not included with this product and must be purchased separately.

PRODUCT FEATURES

The PARKSIDE® PWDSA 20-Li A1 Masonry Sander is designed with the following key features to enhance performance and user experience:

- **Adjustable Speed:** Allows for optimal grinding results on various surfaces and materials.
- **Extendable Telescopic Shaft:** Aluminium shaft extends from 110 cm to 150 cm for reaching high areas.
- **Dust Extraction Connection:** Integrated port for connecting the included hose and dust bag or an external dust extraction system.
- **Gimbal Joint Grinding Head:** Provides flexibility for optimal adaptation to wall and ceiling contours.
- **225 mm Sanding Disc:** Large diameter sanding disc with a convenient Velcro fastener for quick changes.
- **Switchable LED Workpiece Illumination:** Enhances visibility in dimly lit work areas.
- **Ergonomic Handles:** Non-slip design for comfortable and secure grip.
- **Supporting T-handle:** Aids in comfortable and controlled ceiling processing.
- **Inclined Sanding Head:** Facilitates easy overhead sanding.
- **Foldable Device Head:** Allows for space-saving storage and transport.

SETUP

Attaching the Sanding Disc

The sanding disc attaches securely via a Velcro fastener system.

1. Ensure the sander is switched off and the battery is removed for safety.
2. Align the desired sanding paper with the 225 mm sanding plate, ensuring the holes on the paper match the dust extraction holes on the plate.
3. Press firmly to secure the sanding paper to the Velcro surface.

Assembling the Telescopic Shaft

The telescopic shaft allows for adjustable length to suit various working heights.

1. Locate the locking mechanism on the telescopic shaft.
2. Loosen the locking mechanism by twisting or releasing the lever.
3. Extend the shaft to the desired length between 110 cm and 150 cm.
4. Tighten the locking mechanism securely to fix the shaft in position.

Connecting Dust Extraction

For a cleaner work environment and improved visibility, connect the dust extraction system.

1. Attach the provided 2m hose to the dust extraction port on the sander.
2. Connect the other end of the hose to the included dust bag or an external vacuum cleaner designed for dust extraction.

Installing the Battery

This tool operates on a 20V (2 Ah) battery (not included).

1. Ensure the sander's power switch is in the 'OFF' position.
2. Slide a fully charged 20V battery pack into the battery slot on the tool until it clicks securely into place.
3. To remove the battery, press the release button and slide the battery pack out.

OPERATING INSTRUCTIONS

Powering On/Off

The power switch is located on the handle of the sander.

1. To turn the sander **ON**, press the power switch.
2. To turn the sander **OFF**, press the power switch again.

Adjusting Speed

The sander features adjustable speed for optimal results on different materials.

1. Use the speed adjustment dial or buttons (if present) to select the desired idle speed between 600-1200 min^{-1} .
2. Lower speeds are generally suitable for fine finishing or delicate materials, while higher speeds are for aggressive material removal.

Using the LED Workpiece Illumination

The integrated LED light helps illuminate the work area for better visibility.

1. Locate the LED light switch on the tool.
2. Toggle the switch to turn the LED light on or off as required by your working conditions.

Sanding Technique

Follow these guidelines for effective and safe sanding:

- Always start the sander before placing it onto the workpiece surface.
- Apply light, even pressure. Allow the tool's weight and speed to do the work. Excessive pressure can reduce efficiency and damage the tool or surface.
- Move the sander smoothly and consistently over the surface in overlapping passes to ensure an even finish.
- The gimbal joint allows the sanding head to adapt to uneven surfaces, maintaining full contact.
- For ceiling work, utilize the supporting T-handle and the inclined sanding head for improved ergonomics and control.
- Regularly check the sanding disc for wear and replace it when necessary to maintain optimal performance.

MAINTENANCE

Cleaning

Regular cleaning ensures the longevity and optimal performance of your sander.

- Always disconnect the battery before performing any cleaning or maintenance.
- Clean the tool regularly, paying special attention to the ventilation slots, to prevent dust buildup and overheating.
- Use a soft, damp cloth for cleaning. Do not use solvents, abrasive cleaners, or harsh chemicals.
- Ensure the dust extraction port and hose are clear of any debris or blockages.

Changing Sanding Discs

Replace sanding discs when they become worn, torn, or clogged to maintain effective sanding.

1. Ensure the sander is switched off and the battery is removed.
2. Carefully peel off the old sanding disc from the Velcro plate.
3. Attach a new sanding disc, ensuring it is centered on the sanding plate and firmly pressed onto the Velcro surface for secure adhesion.

TROUBLESHOOTING

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

Sander Does Not Turn On

- **Check Battery:** Ensure the battery is fully charged and correctly inserted into the tool.
- **Power Switch:** Verify that the power switch is fully engaged in the 'ON' position.
- **Battery Compatibility:** Confirm that the battery being used is compatible with the PARKSIDE® 20V system.

Poor Sanding Performance

- **Worn Sanding Disc:** Replace the sanding disc if it is worn out, clogged, or damaged.
- **Incorrect Grit:** Ensure the correct grit sanding paper is used for the material and desired finish.
- **Speed Setting:** Adjust the speed to an appropriate level for the task.
- **Surface Condition:** Clean the workpiece surface of any loose debris before sanding.

Excessive Dust

- **Dust Bag/Hose:** Ensure the dust bag is properly attached and not full. Check that the dust extraction hose is securely connected and free from blockages.
- **External System:** If using an external dust extraction system, verify its functionality and suction power.

SPECIFICATIONS

Technical data for the PARKSIDE® PWDSA 20-Li A1 Cordless Masonry Sander:

| Feature | Detail |
|---------------------------|---|
| Model | PWDSA 20-Li A1 |
| Power Source | Battery Powered |
| Voltage | 20 V (2 Ah recommended) |
| Idle Speed | 600-1200 min ⁻¹ |
| Sanding Plate Diameter | Approx. 225 mm |
| Swivel Range (Front/Rear) | 150° |
| Swivel Range (Left/Right) | 60° |
| Telescopic Shaft Length | 110 cm to 150 cm |
| Dust Extraction | Yes |
| Material | Plastic, Polyester |
| Dimensions (collapsed) | 110 x 25 x 22 cm |
| Weight (without battery) | Approx. 3.2 kg |
| Included Components | 1 Wrench, 1 Carrying Case, 2m Hose, 1 Dust Bag, 8 Sanding Paper (various grits) |

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your PARKSIDE® PWDSA 20-Li A1 Cordless Masonry Sander, please refer to the documentation provided with your original purchase. It is recommended to keep your proof of purchase for any warranty claims. You may also contact PARKSIDE® customer service directly through their official channels for assistance.

Related Documents - PWDSA 20-Li A1

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|---|---|
|  <p>/// PARKSIDE® 20 V Akku-Wand- und Deckenschleifer DEWALT-SÄNDELSCHLEIFER V PONCEUSE MUR ET PLAFOND PE-20-LI-A1 IAN 465572_2404</p> | <p>Parkside PWDSA 20-Li A1 20V Akku-Wand- und Deckenschleifer Bedienungsanleitung</p> <p>Finden Sie detaillierte Anleitungen und Sicherheitshinweise für den Parkside PWDSA 20-Li A1 20V Akku-Wand- und Deckenschleifer. Erfahren Sie mehr über die bestimmungsgemäße Verwendung, Montage und Bedienung.</p> |
|  <p>PARKSIDE 20V Cordless Wood Cutter PAGHS 20-Li B2 User Manual</p> | <p>Comprehensive user manual for the PARKSIDE 20V Cordless Wood Cutter PAGHS 20-Li B2, covering safety instructions, intended use, parts list, technical data, operation, maintenance, and troubleshooting.</p> |
|  <p>/// PARKSIDE® GRAPADORA RECARGABLE 20 V / PEGADORA SAPARAPUNTO RECARGABLE 20 V / PAT 20-Li A1 IAN 373432_2104</p> | <p>PARKSIDE Grapadora Recargable 20V PAT 20-Li A1: Manual de Usuario y Seguridad</p> <p>Manual completo para la grapadora/clavadora recargable PARKSIDE 20V PAT 20-Li A1. Aprenda sobre sus características, uso seguro, mantenimiento y solución de problemas para sus proyectos de bricolaje.</p> |
|  <p>/// PARKSIDE® 20 V CORDLESS PLUNGE SAW PPTSA 20-Li C3 IAN 458755_2401</p> | <p>PARKSIDE 20V Cordless Plunge Saw PPTSA 20-Li C3 User Manual</p> <p>Comprehensive user manual for the PARKSIDE 20V Cordless Plunge Saw (PPTSA 20-Li C3). Includes safety guidelines, operating instructions, technical data, maintenance, and warranty information for this powerful X 20 V TEAM series tool.</p> |
|  <p>/// PARKSIDE® 20 V Akku-Handstaubsauger / 20V Cordless Handheld Vacuum Cleaner / Aspirateur à main sans fil / PHSSA 20-Li B1 IAN 360589_2010</p> | <p>PARKSIDE PHSSA 20-Li B1 20V Akku-Handstaubsauger Bedienungsanleitung</p> <p>Entdecken Sie den PARKSIDE PHSSA 20-Li B1 20V Akku-Handstaubsauger. Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren Verwendung, Wartung und den technischen Daten dieses leistungsstarken und vielseitigen Geräts für trockene und nasse Oberflächen.</p> |



[PARKSIDE 20V Cordless Impact Wrench PASSP 20-Li C4 User Manual](#)

Comprehensive user manual for the PARKSIDE 20V Cordless Impact Wrench PASSP 20-Li C4, detailing its features, operation, safety instructions, and technical specifications. Compatible with the PARKSIDE X 20 V TEAM series.