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> Parkside PWBS 180 B2 Wall and Floor Sander 1050W Instruction Manual

Parkside PWBS 180 B2

Parkside PWBS 180 B2 Wall and Floor Sander

INSTRUCTION MANUAL

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1. Introduction

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Parkside PWBS 180 B2 Wall and Floor Sander. Please read this manual thoroughly before using the tool and keep it for future reference. Proper use and care will ensure optimal performance and extend the lifespan of your sander.



Image 1.1: The Parkside PWBS 180 B2 Wall and Floor Sander shown with its included accessories, including sanding discs, dust extraction hose, and dust collection bag.

2. Safety Instructions

Always observe general power tool safety warnings and instructions provided with the product. Failure to follow these warnings and instructions may result in electric shock, fire, and/or serious injury. Keep all safety warnings and instructions for future reference.

- **Work Area Safety:** Keep the 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection (safety goggles) and hearing protection. A dust mask is essential when sanding, especially walls and floors, to prevent inhalation of harmful particles. Wear appropriate work clothing and non-slip safety footwear.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Dust Extraction:** This sander is designed for external dust extraction. Always connect a suitable dust extraction system or the provided dust collection bag to minimize dust exposure.
- **Surface Preparation:** Ensure the surface to be sanded is free from nails, screws, or other foreign objects that could damage the sanding disc or cause kickback.

3. Package Contents

Carefully unpack all items and check for completeness and any signs of damage. If any parts are missing or damaged, contact your retailer immediately.

- Parkside PWBS 180 B2 Wall and Floor Sander (1050W)
- Sanding discs (Ø 180 mm, Grit 80)
- Dust extraction hose
- Dust collection bag
- Assembly tool (e.g., spanner for disc changes)
- Instruction Manual



Image 3.1: The Parkside PWBS 180 B2 sander connected to its dust extraction hose and collection bag, ready for use.

4. Setup

1. Attaching the Sanding Disc:

Ensure the sander is unplugged from the power source. Align the holes on the sanding disc (Grit 80 included) with the corresponding holes on the sanding plate. Press the disc firmly onto the hook-and-loop fastening system. Ensure it is centered and securely attached.

2. Connecting the Dust Extraction System:

Attach the dust extraction hose to the designated port on the sander. Connect the other end of the hose to the provided dust collection bag or an external vacuum cleaner. Ensure all connections are tight to prevent dust leakage.



Image 4.1: Detail view of the dust extraction port on the sander with the hose securely attached.

3. Power Connection:

Before plugging in, ensure the power switch is in the "OFF" position. Connect the power cable to a suitable mains power supply (230V, 50Hz). The tool is designed for a 1050W power input.

5. Operating Instructions

1. Switching On/Off:

To switch on the sander, press the ON/OFF switch. To switch off, release or press the switch again, depending on the switch type (latching or momentary).

2. Adjusting Speed:

The sander features a variable speed control, allowing adjustment from 410 to 1900 rpm. Use lower speeds for delicate work or finishing, and higher speeds for aggressive material removal. Adjust the speed using the dedicated speed dial or control button.

3. Sanding Technique:

Hold the sander firmly with both hands. Place the sanding disc flat against the surface before switching on the tool. Apply even, moderate pressure and move the sander in overlapping circular or linear motions. Avoid excessive pressure, as this can reduce efficiency, damage the surface, and overheat the motor.



Image 5.1: A user demonstrating the proper technique for operating the Parkside PWBS 180 B2 sander on a wall surface.

4. Dust Management:

Regularly check and empty the dust collection bag to maintain optimal dust extraction performance. A full bag reduces suction and can lead to increased dust in the work area.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your sander. Always unplug the tool from the power supply before performing any maintenance or cleaning.

- **Cleaning:** After each use, clean the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents. Use compressed air to blow dust out of ventilation openings.
- **Sanding Disc Replacement:** Replace sanding discs when they become worn or lose their abrasive quality. Ensure the replacement disc matches the diameter (Ø 180 mm) and grit required for your task.
- **Dust Bag/Filter:** Empty the dust collection bag regularly. If using an external vacuum, clean or replace its filter as per the vacuum cleaner's instructions.
- **Power Cord:** Inspect the power cord for any damage before each use. If damaged, have it replaced by a qualified electrician.

7. Troubleshooting

Problem	Possible Cause	Solution
Sander does not start.	No power supply; faulty switch; damaged power cord.	Check power connection and outlet. Ensure switch is ON. Inspect power cord for damage.
Poor sanding performance.	Worn sanding disc; incorrect grit for material; insufficient pressure.	Replace sanding disc. Use appropriate grit. Apply even, moderate pressure.
Excessive dust in work area.	Dust bag full; dust hose not properly connected; damaged dust bag/hose.	Empty dust bag. Check all dust extraction connections. Replace damaged components.

Problem	Possible Cause	Solution
Tool making unusual noise or vibrating excessively.	Damaged bearing; loose components; foreign object.	Stop operation immediately. Unplug the tool. Inspect for loose parts or obstructions. If noise persists, seek professional service.
Tool overheating.	Excessive pressure; prolonged use; blocked ventilation.	Reduce pressure. Allow tool to cool down. Clear ventilation openings.

8. Technical Specifications

Feature	Specification
Brand	Parkside
Model Number	IAN-100378777 (PWBS 180 B2)
Manufacturer	park side
Power Source Type	Corded Electric
Voltage	1900 Volts
Power	1050 Watts
Product Dimensions (L x W x H)	40 x 30 x 20 cm; 5.01 kilograms
Sanding Surface Diameter	180 mm
No-load Speed	410 - 1900 rpm
Grit (Included)	80
Grit Type	Coarse
Dust Extraction	External
Included Components	Parkside Multi-Surface Sander PWBS 180 B2
Batteries Included	No
Batteries Required	No
Country of Origin	France
International Article Code (EAN)	04056233758894

9. Warranty and Support

For warranty claims, technical support, or spare parts inquiries, please refer to the warranty card included with your product or contact the manufacturer directly. Keep your proof of purchase for any warranty-related issues. Information regarding spare parts availability is currently unavailable.

