

PSIDE PPFBSA 12 A1

Parkside Performance PPFBSA 12 A1 Cordless Multi-Tool Instruction Manual

Model: PPFBSA 12 A1 | Brand: PSIDE

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Parkside Performance PPFBSA 12 A1 Cordless Multi-Tool. This powerful tool is designed for drilling, milling, sanding, cleaning, polishing, engraving, and separating various materials including metal, wood, and plastic. Its compact design with non-slip Softgrip ensures comfortable handling.

2. PACKAGE CONTENTS

Before first use, please ensure all components are present in your package:

- 1 x Parkside Performance PPFBSA 12 A1 Cordless Multi-Tool
- 1 x 12 V Lithium-ion Battery (2 Ah)
- 1 x 2.4 A Charger with automatic charge stop
- 1 x Protective Hood
- 1 x Sanding Table (45°/90°)
- 1 x Parallel Stop
- 1 x Circular Cutter
- 1 x Milling Attachment with depth stop
- 1 x Additional Handle
- 1 x Robust Storage Case with aluminum frame
- 66-piece accessory set in a separate storage box, including:
 - 22 x Cutting Discs + 1 x Cutting Disc Spindle
 - 14 x Sanding Sheets + 1 x Sanding Sheet Spindle
 - 7 x Sanding Bands + 1 x Sanding Band Spindle
 - 2 x Milling Bits
 - 2 x Grinding Bits
 - 1 x Sanding Disc

- 2 x Polishing Grinders
- 6 x Wool Polishing Discs + 1 x Polishing Disc Spindle
- 1 x Plastic Round Brush
- 1 x Spiral Cutter
- 1 x Milling Drill Bit
- 1 x HSS Drill Bit
- 1 x Flat Wrench
- 1 x Polishing Paste



Image: Comprehensive accessory set for the Parkside Performance PPFBSA 12 A1.

3. INITIAL SETUP

3.1 Charging the Battery

The 12 V Lithium-ion battery (2 Ah) must be fully charged before its first use to ensure optimal performance and battery life. The cell balancing feature ensures a longer battery life and higher battery resource due to uniformly stressed cells.

1. Connect the charger to a standard power outlet (220-240 V / 50-60 Hz).
2. Insert the battery into the charger. The LED indicator on the tool will show the charging status.
3. The 2.4 A charger features automatic charge stop to prevent overcharging. Once fully charged, the

charger will stop supplying power.

The tool's display also shows the current battery charge level.

3.2 Attaching Accessories

The tool features a SPINDLE LOCK mechanism for easy and quick accessory changes.

1. Press and hold the spindle lock button located on the tool.
2. Loosen the collet nut at the front of the tool.
3. Insert the desired accessory (e.g., a drill bit, milling bit, or sanding disc spindle) into the collet. The maximum chuck diameter is 3.2 mm.
4. While still holding the spindle lock button, tighten the collet nut firmly to secure the accessory.



Image: The Parkside Performance PPFBSA 12 A1 Cordless Multi-Tool.

4. OPERATION

4.1 Powering On/Off and Speed Control

The tool offers an adjustable rotation speed with 6 levels, ranging from 5000 to 32000 rpm, allowing for versatile use across different materials and tasks.

1. To turn on the tool, slide the power switch to the "ON" position.
2. Adjust the desired speed using the speed control dial. The selected speed level is displayed on the tool.
3. To turn off the tool, slide the power switch to the "OFF" position.

The tool is equipped with overload and overheating protection, indicated by an LED display, to ensure safe operation.

4.2 Using Attachments and Accessories

The PPFBSA 12 A1 comes with various attachments to enhance its functionality:

- **Protective Hood:** Attach the protective hood to shield against dirt and sparks, especially during cutting or grinding operations.
- **Sanding Table (45°/90°):** This attachment allows for precise sanding at specific angles (45° or 90°). Secure it to the tool according to the provided diagrams for accurate results.
- **Parallel Stop:** Use the parallel stop to guide the tool along a straight edge, ensuring consistent and parallel cuts or engravings.
- **Circular Cutter:** For cutting perfect circles, attach the circular cutter. Adjust the radius as needed for your specific project.
- **Milling Attachment with Depth Stop:** This attachment is crucial for precise milling operations. Secure it and set the desired milling depth using the integrated depth stop.
- **Additional Handle:** For improved control, stability, and comfort during prolonged use or tasks requiring extra precision, attach the additional handle.



Image: The multi-tool in use for engraving.

5. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Parkside Performance multi-tool.

5.1 Cleaning

- Always disconnect the tool from the charger and remove the battery before cleaning.
- Use a dry, soft cloth to wipe down the tool's exterior. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the plastic components.
- Regularly clear dust and debris from the ventilation openings to prevent overheating. A soft brush or compressed air can be used for this purpose.
- Clean accessories after each use to maintain their effectiveness.

5.2 Storage

- Store the tool, battery, charger, and all accessories in the robust storage case provided.
- Keep the case in a dry, cool place, away from direct sunlight, moisture, and extreme temperatures.
- For long-term storage, ensure the battery is partially charged (around 50%) to preserve its lifespan. Avoid storing fully discharged or fully charged batteries for extended periods.

6. TROUBLESHOOTING

If you encounter issues with your Parkside Performance multi-tool, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Tool does not turn on.	Battery is not charged or improperly inserted.	Ensure the battery is fully charged and correctly inserted into the tool.
Tool stops during operation.	Overload or overheating protection activated.	Allow the tool to cool down. Reduce pressure or load on the tool. Check the LED indicator for status.
Accessory is loose or wobbles.	Collet nut is not tightened sufficiently.	Press the spindle lock button and firmly tighten the collet nut. Ensure the accessory shank matches the collet size.
Battery does not charge.	Charger not connected or faulty; battery too hot/cold.	Ensure charger is properly plugged in. Allow battery to reach room temperature before charging. If problem persists, contact support.

7. TECHNICAL SPECIFICATIONS

Detailed technical data for the Parkside Performance PPFBSA 12 A1:

Feature	Specification
Model	PPFBSA 12 A1
Voltage	12 V
Battery Type	Lithium-ion (2 Ah)
Power Supply (Charger)	220-240 V / 50-60 Hz
No-load Speed	5000 - 32000 rpm (6 levels)
Max. Disc Diameter	Ø 3.8 cm
Max. Chuck Diameter	3.2 mm
Material	Plastic
Dimensions (Tool without battery)	Approx. 21.9 x 6.2 x 5 cm
Dimensions (Charger)	Approx. 12 x 9.3 x 5.4 cm
Dimensions (Battery)	Approx. 8.2 x 5.2 x 4.85 cm
Weight (Tool without battery)	Approx. 390 g
Weight (Charger)	Approx. 254 g
Weight (Battery)	Approx. 188 g
Special Features	Brushless motor, 45°/90° sanding table, Cell Balancing, Overload/Overheating protection

8. WARRANTY INFORMATION

Your Parkside Performance PPFBSA 12 A1 multi-tool comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific warranty terms, conditions, and duration. It is important to retain your proof of purchase (receipt or invoice) as it will be required for any warranty claims.

9. CUSTOMER SUPPORT

For further assistance, technical support, spare parts, or any questions not covered in this manual, please contact PSIDE customer service. You can typically find contact information on the product packaging or by visiting the official PSIDE website.

Official Website: www.parkside-performance.com (Please note: This is an example link; refer to your product documentation for the exact official website or contact details.)