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Makita DJR 188 RTJ

Makita DJR 188 RTJ 18V Brushless Cordless Reciprocating Saw User Manual

Model: DJR 188 RTJ | Brand: Makita

1. Product Overview

The Makita DJR 188 RTJ is a highly practical cordless reciprocating saw, notable for its compact and short design. It features a brushless motor, which provides increased power, extended lifespan, and greater autonomy compared to conventional motors. This tool is equipped with Makita's XPT (eXtreme Protection Technology), offering optimal protection against dust and splashing water, even in challenging conditions. The DJR 188 also includes a tool-less blade attachment system for quick and easy blade changes, and a safety system to prevent accidental startup. An integrated LED light illuminates darker work areas.



Figure 1.1: The Makita DJR 188 RTJ cordless reciprocating saw, including a 5.0 Ah battery and a Makpac transport case.

2. Package Contents

Please check the package contents upon receipt to ensure all items are present and undamaged:

- 1x Makita DJR 188 RTJ 18 V Brushless Li-ion Cordless Reciprocating Saw
- 1x Makita MAKPAC Transport Case
- 1x Foam Insert (L, W, H: 39 x 29 x 7 cm, universal)
- 1x Makita BL 1850 B 18 V - 5 Ah / 5000 mAh Li-Ion Battery
- *Note: Charger is not included.*



Figure 2.1: Close-up view of the Makita DJR 188 RTJ reciprocating saw, highlighting its ergonomic design and brushless motor branding.



Figure 2.2: The Makita BL 1850 B 18V 5.0Ah Li-Ion battery, providing power for the tool.



Figure 2.3: The durable Makita MAKPAC transport case, designed for secure storage and portability of the tool and accessories.

3. Safety Instructions

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Keep this instruction manual for future reference.

- **Work Area Safety:** Keep your 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:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with tools other than those specifically designated.
- **XPT (eXtreme Protection Technology):** While the tool offers enhanced protection against dust and water splashes, it is not waterproof. Avoid submerging the tool in water or exposing it to heavy rain.
- **Accidental Startup Prevention:** The tool is designed with a safety system to prevent accidental startup. Always ensure the tool is in a safe state before handling or transporting.

4. Setup

4.1 Battery Installation and Removal

1. To install the battery, align the battery pack with the groove in the tool's housing and slide it in until it locks into place with a click.
2. To remove the battery, press the release button on the battery pack and slide it out of the tool.

4.2 Blade Installation and Removal (Tool-less System)

The Makita DJR 188 RTJ features a convenient tool-less blade attachment system for quick changes.

1. To install a blade, lift the blade clamp lever located near the front of the tool.
2. Insert the blade fully into the blade holder. Ensure the blade teeth are facing the correct direction for cutting.
3. Release the blade clamp lever. The blade should be securely locked in place. Gently pull on the blade to confirm it is seated properly.
4. To remove a blade, lift the blade clamp lever and pull the blade straight out. Exercise caution as the blade may be hot after use.

5. Operating Instructions

5.1 Starting and Stopping the Tool

1. Ensure the battery is fully charged and properly installed.
2. To start the tool, depress the trigger switch. The cutting speed increases with increased pressure on the trigger.
3. To stop the tool, release the trigger switch.

5.2 Integrated LED Light

The tool is equipped with an integrated LED light that illuminates the work area when the trigger is pulled. This feature is particularly useful in dimly lit environments.

5.3 Cutting Techniques

- Always ensure the workpiece is securely clamped or held.
- Allow the blade to reach full speed before engaging with the material.
- Apply steady, even pressure. Do not force the tool, let the blade do the work.
- For plunge cutting, ensure the blade is suitable for the material and technique.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** After each use, clean the tool body with a soft, dry cloth. Remove any sawdust, chips, or debris from the ventilation openings. Do not use strong detergents or solvents.
- **Blade Maintenance:** Inspect blades regularly for sharpness and damage. Replace dull or damaged blades promptly.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store fully discharged batteries for extended periods.
- **Inspection:** Periodically check all screws and fasteners for tightness. Ensure the blade clamp mechanism operates smoothly.

7. Troubleshooting

This section addresses common issues you might encounter with your Makita DJR 188 RTJ.

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged. Safety switch engaged.	Ensure battery is fully inserted and charged. Check if the trigger lock is disengaged.

Problem	Possible Cause	Solution
Reduced cutting performance.	Dull or incorrect blade. Overheating.	Replace with a sharp, appropriate blade for the material. Allow tool to cool down.
Excessive vibration.	Loose blade. Damaged blade.	Ensure blade is securely installed. Replace damaged blade.
LED light not working.	Faulty LED.	Contact Makita service center for repair.

8. Technical Specifications

Specification	Value
Model	DJR 188 RTJ
Voltage	18 V
Stroke Length	20 mm
Max. Strokes Per Minute	0-3000 spm
Cutting Capacity (Steel Pipe)	130 mm
Cutting Capacity (Wood)	255 mm
Dimensions (L x W x H)	316 x 81 x 220 mm
Weight (without battery)	2900 g
Compatible Batteries	BL1815N, BL1820, BL1820B, BL 1830, BL1830B, BL1840, BL1840B, BL1850, BL1850B, BL1860B
Blade Material	Alloy Steel
Recommended Surface	Wood
Special Feature	Bevel Capacity

9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Makita website for your region. Keep your purchase receipt as proof of purchase.
Regarding spare parts availability, the provided information indicates that details are currently unavailable. For any service, repair, or spare parts inquiries, it is recommended to contact an authorized Makita service center or your local dealer.
Makita Official Website: www.makita.com

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