Makita XML08PT1

Makita XML08PT1 18V X2 (36V) LXT® Lithium-Ion Brushless Cordless 21" Self Propelled Lawn Mower Kit User Manual

Model: XML08PT1

1. Introduction

The Makita XML08PT1 is an 18V X2 (36V) LXT® Lithium-Ion Brushless Cordless 21" Self-Propelled Lawn Mower designed for efficient grass cutting with zero emissions, lower noise, and reduced maintenance. This kit includes the lawn mower, four fast-charging 18V LXT lithium-ion 5.0Ah batteries, and an efficient 18V Dual Port Rapid Optimum Charger. It features a 3-in-1 design for mulching, bagging, or side discharge, and is part of Makita's expanding 18V LXT System.



Figure 1: Makita XML08PT1 Lawn Mower Kit, including the mower, four 5.0Ah batteries, and a dual-port charger.

2. Setup and Assembly

2.1 Handle Assembly

Unfold and secure the handle in the upright position. Ensure all locking mechanisms are engaged to prevent accidental folding during operation.

2.2 Battery Installation and Charging

The mower is powered by two 18V LXT batteries, with a 4-bay battery system allowing for two additional batteries for extended runtime. Always ensure batteries are fully charged before use.



Figure 2: The Makita 18V Dual Port Rapid Optimum Charger, capable of charging two batteries simultaneously.



Figure 3: A single Makita 18V LXT Lithium-Ion 5.0Ah Battery, providing reliable power for the mower.

2.3 Adjusting Cutting Height

The mower features a 10-position cutting deck, allowing for precise height adjustments to suit various grass lengths and preferences. Locate the height adjustment lever on the mower deck and select the desired cutting height.

3. Operating Instructions

3.1 Starting and Stopping

To start the mower, ensure the safety switch is engaged and pull the bail lever towards the handle. To stop, release the bail lever.

3.2 Self-Propelled Operation

The self-propelled feature offers variable speed control from 1.5 MPH to 3 MPH, reducing user fatigue. Engage the self-propel lever to activate this function.

3.3 Quiet Mode

For reduced noise operation, activate the Quiet Mode setting, which maintains a constant speed of 2,300 RPM. This is ideal for early morning or late evening mowing.



Figure 4: The control panel of the Makita lawn mower, showing battery indicators and the Quiet Mode button for reduced noise operation.

3.4 3-in-1 Functionality

The XML08PT1 offers versatile mowing options:

- **Mulching:** Finely cuts grass clippings and returns them to the lawn as natural fertilizer.
- **Bagging:** Collects grass clippings in the included grass bag for easy disposal.
- **Side Discharge:** Disperses clippings out of the side of the mower, suitable for taller grass.



Figure 5: The Makita lawn mower with its grass collection bag attached, ready for bagging clippings.



Figure 6: The Makita lawn mower configured for mulching, with the mulching plug installed.



Figure 7: The Makita XML08PT1 Self-Propelled Lawn Mower in operation on a residential lawn, demonstrating its ease of use.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita lawn mower.

4.1 Cleaning

After each use, clean the mower deck and blades to remove grass clippings and debris. The commercial-grade steel deck is durable and designed to withstand impacts from small rocks without damage.



Figure 8: A close-up view of the Makita lawn mower's brushless motor, highlighting its robust construction.

4.2 Battery Care

Store batteries in a cool, dry place. Avoid fully discharging batteries before recharging to prolong their lifespan. Always use genuine Makita batteries and chargers. Using non-genuine batteries can cause serious hazards.



Figure 9: Important safety warning regarding the use of non-genuine Makita Lithium-Ion batteries, which can pose fire and injury risks.

5. Troubleshooting

If you encounter issues with your Makita lawn mower, please refer to the following general troubleshooting tips:

- **Mower not starting:** Ensure batteries are fully charged and properly inserted. Check the safety switch and bail lever engagement.

- **Reduced runtime:** Verify that all four batteries are charged and properly installed in the 4-bay system.
- **Poor cutting performance:** Adjust the cutting height appropriately for the grass conditions. Ensure the blades are clean and sharp.
- **Excessive noise/vibration:** Check for any loose parts or obstructions under the deck.

For more detailed troubleshooting or persistent issues, please contact Makita customer support.

6. Specifications

Feature	Specification
Brand	Makita
Model Number	XML08PT1
Power Source	Battery Powered (18V X2 / 36V LXT® Lithium-Ion)
Cutting Width	21 Inches
Cutting Height Positions	10
Self-Propelled Speed	1.5 MPH - 3 MPH (Variable)
Motor Type	Brushless
Quiet Mode RPM	2,300 RPM
Max RPM	2,800 RPM
Deck Material	Alloy Steel
Product Dimensions	39.45"D x 24.8"W x 21.81"H
Item Weight	113.8 pounds
Batteries Included	4 Lithium Ion (5.0Ah)
UPC	088381896047

7. Warranty and Support

7.1 Warranty Information

The Makita XML08PT1 comes with a 3-year limited warranty on the tool, battery, and charger. Please retain your proof of purchase for warranty claims.

7.2 Additional Resources

For further information, you can refer to the official User Guide (PDF) available online:User Guide (PDF)

7.3 Customer Support

For any questions, technical assistance, or service needs, please contact Makita Customer Support. You can also visit the official Makita store for more products and information: Visit the Makita Store

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