Makita XML03Z

Makita XML03Z 36V (18V X2) LXT® Brushless 18" Lawn Mower User Manual

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Makita XML03Z 36V (18V X2) LXT® Brushless 18" Lawn Mower. Please read this manual thoroughly before first use and keep it for future reference.

The Makita XML03Z is a cordless lawn mower designed for efficient grass cutting with zero emissions, lower noise, and reduced maintenance. It is powered by two 18V LXT batteries, delivering up to 3,300 RPM. Key features include quick height adjustments, a 16-gallon grass collector, and folding handles for compact storage. The mower also incorporates Makita's Extreme Protection Technology (XPT) for improved operation in harsh conditions.

Safety Information

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or property damage.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the mower.
- **Wear Appropriate Gear:** Always wear eye protection, sturdy footwear, and hearing protection.
- **Clear the Area:** Before mowing, remove all objects such as rocks, sticks, wires, and toys from the lawn.
- **Keep Bystanders Away:** Ensure children, pets, and other people are at a safe distance from the mowing area.
- **Avoid Wet Grass:** Do not operate the mower in wet conditions, as this can cause slipping and reduce cutting efficiency.
- **Inspect Before Use:** Check the mower for any damaged parts, loose fasteners, or worn components before each operation.
- **Use Correct Batteries:** Only use Makita 18V LXT batteries with Star Protection Computer Controls for optimal performance and safety.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Setup

Assembly

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach Handle:** Securely attach the upper and lower handle sections using the provided fasteners. Ensure all cables are routed correctly and not pinched.
3. **Install Grass Collector:** Assemble the grass collector bag and attach it to the rear discharge opening of the mower.
4. **Adjust Cutting Height:** Use the single lever height adjustment to set the desired cutting height. The mower offers 11 cutting height positions, ranging from 1.25 inches to 4 inches.

Battery Installation

The Makita XML03Z requires two 18V LXT batteries for operation. Ensure batteries are fully charged before use.



Image: Open battery compartment of the Makita XML03Z lawn mower, revealing the two battery slots.

1. **Open Battery Cover:** Lift the battery cover located on top of the mower.
2. **Insert Batteries:** Insert two charged 18V LXT batteries into the designated slots until they click into place.

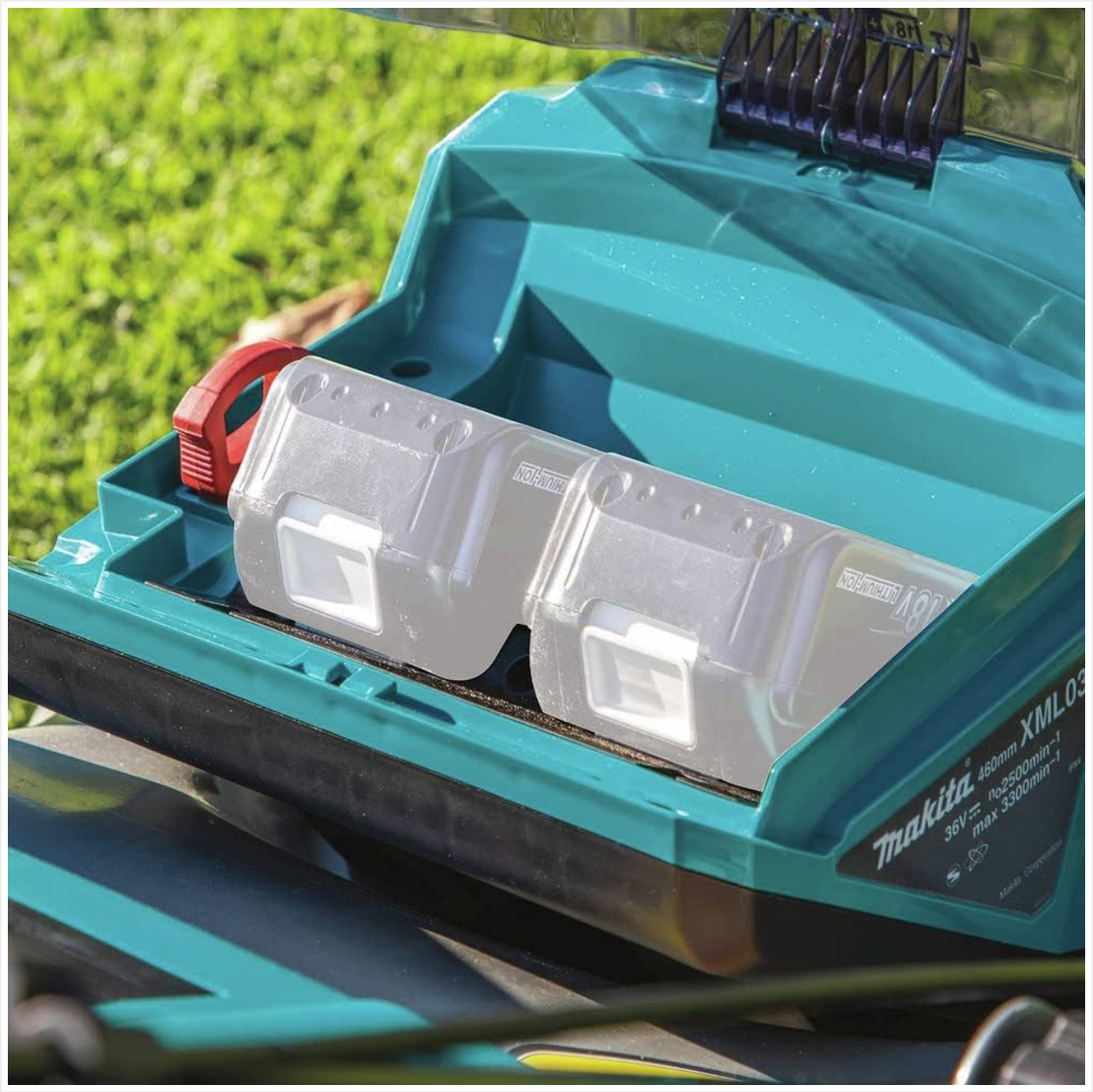


Image: Two 18V LXT batteries correctly installed in the mower's battery compartment.

3. **Insert Safety Key:** Insert the red safety key into its slot within the battery compartment. The mower will not operate without the safety key.



Image: A hand inserting the red safety key into its designated slot, enabling mower operation.

4. **Close Battery Cover:** Close the battery cover securely.

Operating Instructions

Starting the Mower



Image: The control panel on the mower's handle, displaying battery charge levels and operational buttons.

1. **Power On:** Press the power button on the control panel located on the handle. The power indicator light will illuminate.
2. **Check Battery Level:** The battery indicators on the control panel will show the remaining charge for each battery.
3. **Engage Blade:** Hold down the safety lever (bail switch) on the handle and pull the switch lever towards the handle to start the blade. Release the switch lever to stop the blade.

Cutting Operation



Image: The Makita XML03Z lawn mower in use, demonstrating its maneuverability on a lawn.

- **Mowing Technique:** Push the mower at a steady pace. For best results, overlap each pass slightly.
- **Quiet Mode:** The mower features a Quiet Mode that reduces noise by providing constant speed control at 2,500 RPM. Activate this mode via the control panel for quieter operation.
- **Grass Collection:** The 16-gallon grass collector efficiently gathers clippings. Monitor the fill level and empty as needed.
- **Battery Life:** The mower can cut over 1/2 acre in 53 minutes or less with four 18V LXT 5.0Ah batteries (batteries not included in this specific kit, but compatible).



Image: The Makita XML03Z 18-inch lawn mower, showcasing its design and attached grass collection bag.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your lawn mower. Always remove the safety key and batteries before performing any maintenance.

Cleaning

- **Deck Cleaning:** After each use, clean the underside of the mower deck to prevent grass buildup. Use a stiff brush or scraper.



Image: The underside of the mower, highlighting the cutting blade and deck area for cleaning.

- **Exterior Cleaning:** Wipe down the exterior surfaces with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Grass Collector:** Empty and clean the grass collector regularly to maintain airflow and collection efficiency.

Blade Care

- **Blade Inspection:** Periodically inspect the cutting blade for sharpness and damage. A dull or damaged blade can lead to poor cutting performance and strain the motor.
- **Blade Sharpening/Replacement:** If the blade is dull, have it sharpened by a qualified service technician or replace it with a genuine Makita replacement blade.

Storage

- **Clean Before Storage:** Ensure the mower is clean and dry before storing.
- **Remove Batteries:** Always remove the batteries and safety key before storing the mower for extended periods.
- **Fold Handle:** The handle can be folded for compact storage, saving space.



Image: The Makita XML03Z lawn mower with its handle folded down, illustrating its compact storage capability.

- **Store in a Dry Place:** Store the mower in a cool, dry, and secure location, out of reach of children.

Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Mower does not start	Safety key not inserted Batteries not installed or discharged Safety lever not engaged	Insert safety key fully Install charged batteries Hold safety lever and pull switch lever
Reduced cutting performance	Dull or damaged blade Grass buildup under deck Mowing wet or excessively tall grass	Sharpen or replace blade Clean underside of deck Mow dry grass; raise cutting height for tall grass

Problem	Possible Cause	Solution
Excessive vibration	Damaged or unbalanced blade Loose components	Inspect and replace blade if necessary Check all fasteners and tighten as needed
Poor grass collection	Grass collector full or clogged Discharge chute clogged	Empty and clean grass collector Clear any obstructions from the discharge chute

If the problem persists after attempting these solutions, please contact Makita customer support.

Specifications

Feature	Detail
Brand	Makita
Model Number	XML03Z
Power Source	Battery Powered (36V / 18V X2 LXT®)
Motor Type	BL Brushless
Cutting Width	18 Inches
Cutting Height Positions	11
Maximum Adjustable Cutting Height	4 Inches
Minimum Adjustable Cutting Height	1.25 Inches
No-Load Speed	Up to 3,300 RPM
Grass Collector Capacity	16 Gallons
Item Weight	57.8 Pounds
Product Dimensions	35.24"D x 24.8"W x 23.47"H
UPC	088381880763

Warranty and Support

For warranty information, service, or technical support, please refer to the official Makita website or contact Makita customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

An official User Guide (PDF) is available for download for more detailed instructions and diagrams. You can typically find this document on the product's support page on the manufacturer's website or through the retailer where the product was purchased.

For customer support inquiries, please visit the Makita Store on Amazon or contact their dedicated support channels.

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