Makita XML10CT1

Makita XML10CT1 36V (18V X2) LXT® 21" Lawn Mower Kit

MODEL: XML10CT1

Introduction

This manual provides essential information for the safe and effective use of your Makita XML10CT1 36V (18V X2) LXT® 21" Lawn Mower Kit. This cordless lawn mower offers a 21-inch cutting width and 3-in-1 functionality for mulching, bagging, or rear discharge. Powered by two 18V LXT batteries, it delivers efficient grass cutting with reduced noise and maintenance compared to traditional gas models. Please read this manual thoroughly before operating the mower and retain it for future reference.



The Makita XML10CT1 21-inch lawn mower kit, including the teal and black mower, four 18V LXT 5.0Ah batteries, and a dual-port charger.

Safety Information

General Safety Rules

- Always read and understand all instructions before operating the lawn mower.
- Wear appropriate personal protective equipment, including eye protection, sturdy footwear, and long pants.
- Keep children, pets, and bystanders away from the operating area.
- Do not operate the mower in wet grass or rain.
- Before mowing, inspect the area for objects that could be thrown by the blade, such as rocks, sticks, or toys.

Battery and Charger Safety

- Use only genuine Makita 18V LXT batteries and chargers with this product.
- Do not short-circuit battery terminals or expose batteries to water or extreme temperatures.

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Never attempt to open or modify batteries or chargers.

Package Contents

Your Makita XML10CT1 Lawn Mower Kit includes the following items:

- Makita 36V (18V X2) LXT® 21" Lawn Mower (Model: XML10CT1)
- Four 18V LXT® Lithium-Ion 5.0Ah Batteries
- Dual Port Rapid Optimum Charger
- Grass Collector Bag
- Mulching Plug
- Owner's Manual



The Makita 21-inch lawn mower, four 18V LXT batteries, and a dual-port charger, laid out as a complete kit.

Assembly and Setup

Handle Assembly

Unfold the mower handle from its storage position. Secure the handle in the operating position by tightening the quick-release levers on both sides. Ensure the handle is firmly locked before use.

Grass Bag Installation

Lift the rear discharge flap located at the back of the mower. Align the hooks on the grass collector bag with the corresponding slots on the mower chassis. Push down firmly to ensure the bag is securely seated and will not dislodge during operation.



A side view of the Makita lawn mower with the black grass collection bag securely attached to the rear.

Battery Installation and Removal

To install batteries, open the battery cover on top of the mower. Insert two charged 18V LXT batteries into the designated battery slots until they click into place. The mower requires two batteries for operation, and the bay can hold four for extended runtime. To remove batteries, press the release button on each battery and pull it out of the slot.



A close-up view of the battery compartment on the Makita lawn mower, showing two empty slots ready for battery insertion.

Operation

Charging the Batteries

Connect the dual port rapid optimum charger to a standard electrical outlet. Insert the 18V LXT batteries into the charger slots. The charger's indicator lights will illuminate to show the charging status. Allow batteries to fully charge before their initial use and whenever they are depleted.

Starting and Stopping the Mower

To start the mower, first ensure the safety key is fully inserted into its slot. Then, press and hold the power button located on the handle, and simultaneously pull the bail lever towards the handle. Once the motor starts, you can release the power button. To stop the mower, simply release the bail lever.



A detailed view of the control panel on the mower's handle, featuring the power button and the red bail lever for operation.

Adjusting Cutting Height

The Makita XML10CT1 features a single lever for quick and easy cutting height adjustment. Locate the lever on the side of the mower deck. Move the lever to select your desired cutting height from 1-1/4 inches to 4 inches. Adjust the height based on grass conditions and the desired length of your lawn.



A close-up of the cutting height adjustment lever located on the side of the mower deck, showing the numbered settings.

Mowing Techniques

The Makita XML10CT1 offers versatile 3-in-1 functionality:

- **Bagging:** For collecting grass clippings, ensure the grass collector bag is properly installed and securely attached to the rear discharge opening.
- **Mulching:** To finely cut and redistribute clippings back onto the lawn as natural fertilizer, insert the mulching plug into the rear discharge opening.
- **Rear Discharge:** For direct discharge of clippings, operate the mower without the grass bag or mulching plug installed.



A person operating the Makita lawn mower on a grassy lawn, demonstrating its use in a typical outdoor setting.

Maintenance

General Cleaning

After each use, disconnect the batteries and clean the mower deck, wheels, and grass bag. Use a damp cloth to wipe down surfaces. Avoid using high-pressure water jets directly on electrical components or the motor housing.

Blade Care

Regularly inspect the cutting blade for sharpness, nicks, or damage. A dull or damaged blade can significantly reduce cutting performance and put strain on the motor. If the blade is dull, bent, or severely worn, it should be sharpened or replaced by a qualified service center. Always disconnect batteries before inspecting or servicing the blade.

Battery and Charger Storage

Store batteries in a cool, dry place, away from direct sunlight, moisture, and extreme temperatures. Do not store fully

discharged batteries for extended periods. Store the charger indoors in a dry environment.

Mower Storage

For compact storage, the mower handles can be easily folded down. Clean the mower thoroughly before storing it in a dry, protected area, away from children and unauthorized personnel.



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

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Mower does not start.	Batteries not inserted correctly or discharged. Safety key not inserted. Bail lever not engaged.	Ensure batteries are fully charged and correctly inserted. Insert the safety key. Engage the bail lever fully.
Reduced cutting performance.	Dull or damaged blade. Grass is too long or wet. Cutting height set too low.	Inspect and sharpen/replace the blade. Mow when grass is dry. Increase the cutting height.
Excessive vibration during operation.	Damaged or unbalanced blade. Loose components.	Immediately stop the mower. Disconnect batteries. Inspect the blade for damage; replace if necessary. Check for any loose bolts or nuts.

Specifications

Technical Data

Feature	Specification
Brand	Makita
Model	XML10CT1
Power Source	Battery Powered (36V, 18V X2 LXT®)
Cutting Width	21 Inches
Cutting Height Adjustment	1-1/4" – 4" (Single Lever)
Motor	Brushless
RPM	Up to 3,000
Run Time	Up to 50 minutes (with four 5.0Ah batteries)
Deck Material	Plastic
Item Weight	80.8 pounds
Product Dimensions (LxWxH)	40.16"D x 24.41"W x 18.62"H
Key Features	3-in-1 (Mulching, Bagging, Rear Discharge), Extreme Protection Technology (XPT™), Star Protection Computer Controls™

Warranty and Support

Warranty Information

This Makita product is covered by a limited warranty. For detailed terms, conditions, and registration information, please refer to the warranty card included with your purchase or visit the official Makita website.

Customer Support

For technical assistance, parts, service, or any questions regarding your Makita XML10CT1 lawn mower, please contact Makita Customer Service:

Website: www.makitatools.com

Phone: (800)4-MAKITA (800-462-5482)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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