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Makita DLM432CT2

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Model: DLM432CT2

IMPORTANT SAFETY INSTRUCTIONS

Always read and understand this instruction manual before operating the Makita DLM432CT2 Lawnmower. Failure to follow all instructions may result in serious injury or property damage.

- **Personal Protective Equipment:** Always wear appropriate eye protection, hearing protection, and sturdy, non-slip footwear while operating the lawnmower.
- **Area Preparation:** Before mowing, thoroughly inspect the area for any objects such as rocks, sticks, wires, or toys that could be thrown by the blade. Remove them to prevent injury or damage.
- **Bystander Safety:** Keep all bystanders, children, and pets at a safe distance (at least 15 meters / 50 feet) from the operating area.
- **Wet Conditions:** Do not operate the lawnmower in wet grass or rain. Wet grass can cause slipping and reduce cutting efficiency.
- **Battery Safety:** Use only genuine Makita 18V LXT batteries and the specified DC18SH charger. Never attempt to charge non-rechargeable batteries. Remove batteries from the lawnmower before cleaning, adjusting, or storing.
- **Slope Operation:** Exercise extreme caution when operating on slopes. Mow across the face of slopes, never up and down. Avoid mowing excessively steep slopes.
- **Maintenance:** Regularly inspect the lawnmower for damage, loose parts, or worn blades. Perform maintenance only after removing the batteries.

PRODUCT OVERVIEW

The Makita DLM432CT2 is a powerful 36V LXT cordless lawnmower designed for efficient lawn maintenance. It operates using two 18V LXT Lithium-Ion batteries simultaneously, providing 36V power.



Image: Front view of the Makita DLM432CT2 36V LXT Cordless Lawnmower. This image displays the overall design of the lawnmower from the front, highlighting its compact and robust structure.

Key Components:

- **Motor Housing:** Contains the brushless motor and battery compartments.
- **Cutting Deck:** Houses the 43 cm cutting blade.
- **Grass Box:** Collects grass clippings during operation.
- **Handlebar:** Foldable for storage, includes control levers.
- **Cutting Height Adjustment Lever:** Allows selection of 13 cutting height positions.
- **Battery Compartment:** Located under a protective cover, designed for two 18V LXT batteries.

SETUP

1. Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present according to the packing list. Assembly of the handlebar and grass box is required. Refer to the diagrams in the separate assembly guide for detailed instructions.

2. Charging Batteries

Before first use, fully charge both 18V LXT 5.0 Ah batteries using the supplied DC18SH charger.

1. Connect the DC18SH charger to a suitable power outlet.
2. Insert an 18V LXT battery into the charger. The charging indicator light will show the charging status.
3. Once fully charged, remove the battery from the charger. Repeat for the second battery.

3. Installing Batteries

The DLM432CT2 requires two 18V LXT batteries for operation.



Image: Close-up view of the Makita DLM432CT2 battery compartment with two 18V LXT batteries inserted. The protective cover is open, showing the proper placement of the batteries.

1. Open the battery compartment cover located on top of the motor housing.

2. Align the battery with the battery slot and slide it in until it clicks into place. Ensure both batteries are securely seated.
3. Close the battery compartment cover firmly.

4. Adjusting Cutting Height

The cutting height can be adjusted to 13 different positions, ranging from 10 mm to 75 mm.

1. Ensure the lawnmower is turned off and batteries are removed for safety.
2. Locate the cutting height adjustment lever on the side of the mower deck.
3. Pull the lever outwards and move it to the desired height setting. Release the lever to lock it into position.

OPERATING INSTRUCTIONS

1. Starting the Lawnmower

1. Ensure batteries are installed and the battery compartment cover is closed.
2. Press and hold the safety button on the handlebar.
3. While holding the safety button, pull the switch lever towards the handlebar. The motor will start.
4. Release the safety button once the motor is running.

2. Mowing Techniques

- **Overlap Passes:** For an even cut, overlap each mowing pass by a few inches.
- **Avoid Overloading:** Do not attempt to cut excessively long or thick grass in a single pass. Raise the cutting height or make multiple passes.
- **Consistent Speed:** Push the lawnmower at a steady, comfortable pace.
- **Discharge:** Ensure the grass box is properly attached or the rear discharge flap is clear if not using the grass box.

3. Stopping the Lawnmower

To stop the lawnmower, simply release the switch lever. The motor will stop immediately. For complete safety, always remove the batteries after use or before any adjustments.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Makita DLM432CT2 Lawnmower. Always remove batteries before performing any maintenance.

1. Cleaning

- After each use, clean the underside of the cutting deck and the grass box to remove grass clippings and debris. Use a brush or a damp cloth.
- Do not use high-pressure water or immerse the lawnmower in water.
- Clean the exterior of the motor housing with a dry cloth.

2. Blade Inspection and Replacement

- Regularly inspect the cutting blade for sharpness, cracks, bends, or other damage. A dull or damaged blade can lead to poor cutting performance and increased vibration.
- If the blade is damaged or excessively worn, it must be replaced with a genuine Makita replacement blade. Blade replacement should be performed by a qualified service technician or by following the detailed instructions in the full

manual.

- Ensure the blade bolt is securely tightened after any blade maintenance.

3. Storage

- Store the lawnmower in a clean, dry, and secure location, out of reach of children.
- For long-term storage, remove the batteries from the lawnmower and store them in a cool, dry place.
- The handlebar can be folded for more compact storage.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your DLM432CT2 Lawnmower.

Problem	Possible Cause	Solution
Lawnmower does not start	<ul style="list-style-type: none">• Batteries not charged• Batteries not properly installed• Safety button/switch lever not engaged correctly• Thermal overload protection activated	<ul style="list-style-type: none">• Charge batteries fully• Ensure batteries are securely clicked into place• Press safety button then pull switch lever• Allow mower to cool down, then restart
Poor cutting performance	<ul style="list-style-type: none">• Dull or damaged blade• Cutting height too low for grass conditions• Mowing wet or excessively long grass• Grass box full	<ul style="list-style-type: none">• Inspect and replace/sharpen blade• Increase cutting height• Wait for grass to dry; cut in multiple passes• Empty grass box
Excessive vibration	<ul style="list-style-type: none">• Damaged or unbalanced blade• Loose blade bolt	<ul style="list-style-type: none">• Inspect blade for damage; replace if necessary• Tighten blade bolt securely

SPECIFICATIONS

Detailed technical specifications for the Makita DLM432CT2 Lawnmower.

Feature	Specification
Brand	Makita
Model Number	DLM432CT2
Power Source	Cordless (2 x 18V LXT Li-Ion Batteries)
Cutting Width	43 cm (17 inches)
Cutting Height Adjustment	10 - 75 mm (13 positions)
Item Weight	22.5 Kilograms
Material	Plastic
Included Components	Lawnmower, 2x BL1850B 5.0 Ah Batteries, DC18SH Charger
UPC	088381723107

WARRANTY AND SUPPORT

Makita products are manufactured under strict quality control standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. The specific warranty period may vary by region and product type.

For detailed warranty information, service, or technical support, please contact your local authorized Makita service center or visit the official Makita website. When contacting support, please have your model number (DLM432CT2) and proof of purchase available.

Makita Official Website: www.makita.com

