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› MAXLANDER Cordless Leaf Blower & Vacuum User Manual

MAXLANDER ML8A512-A

MAXLANDER Cordless Leaf Blower & Vacuum User Manual

Brand: MAXLANDER | Model: ML8A512-A

PRODUCT OVERVIEW

The MAXLANDER 3-in-1 Cordless Leaf Blower & Vacuum is a versatile tool designed for efficient lawn and garden care. It combines the functions of a leaf blower, vacuum, and mulcher, powered by a 40V brushless motor for strong performance.

- **3-in-1 Functionality:** Easily switch between blowing, vacuuming, and mulching modes for comprehensive yard clean-up.
- **Powerful Brushless Motor:** Delivers up to 170 MPH wind speed and 360 CFM air volume, capable of handling wet leaves and debris.
- **Variable Speed Control:** Features 5 speed settings, including a TURBO mode for maximum power.
- **Large Capacity Collection Bag:** Equipped with a 45L non-woven bag for extended use and easy disposal.
- **Long-Lasting Batteries:** Includes two 4.0Ah lithium batteries providing over 36 minutes of operation and quick 1.5-hour charging.
- **Lightweight Design:** Weighs 7.9 lbs in blowing mode and 9.9 lbs in vacuum mode, with an extra-long shoulder strap for comfortable use.



Figure 1: MAXLANDER 3-in-1 Cordless Leaf Blower and Vacuum showing the main unit, blower tubes, collection bag, two 4.0Ah batteries, and dual charger.

SETUP AND ASSEMBLY

Before first use, ensure all components are present and properly assembled. Always ensure the battery is removed before assembly or maintenance.

1. **Attach Blower Tube:** For blowing mode, securely attach the desired blower tube section to the main unit's air outlet. Ensure it clicks into place.
2. **Assemble for Vacuum/Mulcher Mode:**
 - Attach the vacuum tube to the main unit's intake opening.
 - Connect the collection bag to the air outlet. Ensure both are firmly attached to prevent debris leakage.



Figure 2: Illustration of the 3-in-1 design, demonstrating the leaf blowing and vacuuming capabilities.

3. **Install Battery:** Insert a fully charged 40V battery into the battery slot on the main unit until it locks securely.
4. **Attach Shoulder Strap:** For extended use and reduced fatigue, attach the provided shoulder strap to the designated points on the unit. Adjust the strap length for comfortable operation.

OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and operating modes before use.



Figure 3: Close-up of the control panel, showing the power switch, speed adjustment buttons, TURBO mode button, and battery indicator lights.

1. Charging Batteries:

- Place the 4.0Ah lithium batteries into the dual fast charger.
- Connect the charger to a standard power outlet. The indicator lights on the charger will show charging status. A full charge takes approximately 1.5 hours per battery.



Figure 4: The two 4.0Ah batteries and the dual charger, ready for charging.

2. **Powering On/Off:** Press the power switch button on the control panel to turn the unit on or off.
3. **Adjusting Speed:** Use the "Speed Up" (▲) and "Speed Down" (▼) buttons to select from 5 different speed settings. Lower speeds (1-2) are suitable for light debris like household dust or pet hair, while higher speeds (3-4) are for fallen leaves and snow.
4. **TURBO Mode:** For maximum power and air volume (up to 330 CFM), press the "TURBO" button. This is ideal for stubborn or wet debris.
5. **Blowing Operation:** Direct the blower tube towards the debris you wish to clear. Maintain a steady motion to sweep leaves and other materials into piles.



Figure 5: The leaf blower in action, demonstrating its effectiveness in clearing dry leaves.

6. Vacuum and Mulching Operation:

- Ensure the vacuum tube and collection bag are correctly installed.
- Guide the vacuum tube over the debris. The unit will suction the material into the collection bag and mulch it, reducing its volume.
- The mulching ratio is 12:1, significantly reducing the volume of collected leaves.



Figure 6: The 45L collection bag, illustrating the significant volume reduction achieved by the mulching function.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your MAXLANDER unit.

- **Cleaning the Unit:** After each use, wipe down the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Emptying and Cleaning Collection Bag:** Empty the 45L collection bag regularly. The bottom zipper design allows for easy emptying. The bag can be washed with water and air-dried for reuse.
- **Clearing Debris from Impeller:** Periodically check the internal fan blade (impeller) for any entangled debris. The special internal fan blade design reduces entanglement, but occasional checks are recommended to prevent motor damage. Always remove the battery before inspecting the impeller.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for long periods. Charge them periodically if not in use.
- **Storage:** Store the unit in a dry, covered area, out of reach of children.

TROUBLESHOOTING

If you encounter issues with your MAXLANDER Leaf Blower & Vacuum, refer to the following common solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery if needed.
Low power/suction.	Battery low, tube/impeller clogged, or wrong speed setting.	Charge battery. Clear any blockages from tubes or impeller (ensure power off). Increase speed setting or activate TURBO mode.
Debris not mulching effectively.	Wet debris or impeller blockage.	Avoid vacuuming excessively wet material. Clear impeller of any clogs.
Excessive vibration or noise.	Impeller imbalance due to debris.	Turn off and remove battery. Inspect and clean the impeller for any lodged debris.

SPECIFICATIONS

Feature	Detail
Brand	MAXLANDER
Model Name	ML8A512-A
Power Source	Battery Powered
Voltage	40 Volts
Maximum Speed	170 Miles per Hour
Air Volume (TURBO)	Up to 360 CFM
Collection Bag Capacity	45 Liters
Mulch Ratio	12:1
Item Weight (Blowing Mode)	7.9 lbs (3.6 KG)
Item Weight (Vacuum Mode)	9.9 lbs (4.5 KG)
Batteries Included	2 x 4.0Ah Lithium Ion
Battery Charge Time	1.5 hours (per battery)
Product Dimensions	11.4"L x 14.24"W x 18"H

WARRANTY AND SUPPORT

MAXLANDER provides a **1-year warranty** for this Leaf Blower & Vacuum. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact MAXLANDER customer service through the retailer's platform or the official MAXLANDER website. Please have your model number (ML8A512-A)

and purchase information ready when contacting support.
For more information, visit the official MAXLANDER store:[MAXLANDER Store on Amazon](#)

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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Answered questions about this manual

What parts are included with the MAXLANDER ML8A512-A Cordless Leaf Blower & Vacuum?

Based on the product overview and setup instructions for the MAXLANDER ML8A512-A, the following parts are included in the package:Main Unit: The 40V brushless motor housing with the control panel.Blower Tubes: Detachable sections used...

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