

MtiolHig Cordless String Trimmer

MtiolHig Cordless String Trimmer User Manual

Model: Cordless String Trimmer

Brand: MtiolHig

1. SAFETY INFORMATION

Always wear eye protection and gloves. Keep bystanders, pets, and children at a safe distance. Avoid contact with skin or eyes. Do not operate if fatigued or under the influence of drugs or alcohol.

2. PRODUCT OVERVIEW

The MtiolHig Cordless String Trimmer is a versatile 3-in-1 tool designed for efficient yard maintenance. It functions as a string trimmer, edger, and a compact lawn mower, making it suitable for various tasks from trimming grass to tackling tough weeds. This tool features a brushless motor for enhanced efficiency and extended life, and is compatible with Makita 18V batteries (not included).



Figure 2.1: Overview of the MtiolHig Cordless String Trimmer and accessories.



Figure 2.2: The trimmer's ability to convert between string trimmer, edger, and mower modes.

Key Features:

- **3-IN-1 Functionality:** Easily converts from a string trimmer to an edger and a compact lawn mower.
- **Adjustable Design:** Head tilts 75° and handle tilts 90° for use on sloped terrain and hard-to-reach areas.
- **Brushless Motor:** Enhances efficiency, extends tool life, and reduces maintenance.
- **Makita 18V Battery Compatibility:** Designed to work seamlessly with Makita 18V batteries (battery not included).
- **Lightweight and Portable:** Weighs only 5.5 lbs with a folding design for easy maneuverability and storage. Adjustable height from 50" to 60".
- **Adjustable Spacer Guard:** Provides protection for plants and landscaping features.
- **Power Display:** Equipped with a battery level display for monitoring remaining runtime.
- **Versatile Cutting:** 11" cutting diameter, 4800 rpm no-load speed, 0.11" line diameter for various yard tasks.

3. SETUP AND ASSEMBLY

3.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Keep packaging materials until you are satisfied with the product.

3.2 Battery Installation

Ensure the trimmer is turned off. Align the Makita 18V battery (not included) with the battery slot on the trimmer handle. Slide the battery into place until it clicks securely. To remove, press the battery release button and slide the battery out.



Figure 3.1: Installing the Makita 18V battery and viewing the battery level display.

3.3 Handle and Shaft Assembly

The trimmer features a folding design for compact storage. To assemble for use, unfold the shaft until it locks into place. Adjust the height of the handle by loosening the locking mechanism, extending or retracting the shaft to your desired length (50 to 60 inches), and then securing the lock. Ensure all connections are tight before operation.



4. OPERATING INSTRUCTIONS

4.1 Starting the Trimmer

With a charged battery installed, press the safety lock-off button (if present) and then squeeze the trigger to start the motor. Release the trigger to stop the motor.

4.2 Trimming Mode

Hold the trimmer comfortably with both hands. Keep the cutting head parallel to the ground. Move the trimmer in a sweeping motion, cutting small amounts of grass at a time. The 11-inch cutting width allows for efficient coverage.



Figure 4.1: Illustrating the 11-inch cutting diameter for effective trimming.

4.3 Edging Mode

To convert to edging mode, adjust the head and handle. The head can tilt up to 75 degrees and the handle can rotate 90 degrees. Position the trimmer so the cutting line is vertical to the edge of your lawn or pathway. Walk slowly, guiding the trimmer along the edge.



Figure 4.2: Using the trimmer in edging mode with adjustable head and handle for precision.

4.4 Mowing Mode

For light mowing tasks, adjust the trimmer head to a suitable angle and use the integrated wheels (if applicable) to guide the trimmer across small lawn areas. This mode is ideal for areas where a traditional lawn mower is too large or cumbersome.

4.5 Adjusting Head and Handle

The trimmer head can be adjusted to various angles up to 75 degrees by pressing the release button and rotating. The auxiliary handle can be rotated 90 degrees for comfortable edging. Always ensure adjustments are securely locked before operation.

5. MAINTENANCE

5.1 Cleaning

After each use, disconnect the battery and clean the trimmer. Remove any grass clippings, dirt, or debris from the cutting head, guard, and ventilation slots using a brush or cloth. Do not use water or harsh chemicals.

5.2 Line Replacement

When the cutting line wears down, replace it according to the instructions provided with your replacement line or by consulting the product's online resources. Use only the recommended line diameter (0.11 inches).

5.3 Storage

Store the trimmer in a dry, secure location out of reach of children. The folding design allows for compact storage, reducing its length to 28 inches. Remove the battery before storing for extended periods.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly installed; Safety button not pressed.	Charge battery and ensure it is securely installed; Press safety lock-off button before squeezing trigger.
Motor runs but line does not spin	Cutting line is jammed or broken.	Disconnect battery, clear any debris from the cutting head, replace line if broken.
Reduced cutting performance	Dull or short cutting line; Overgrown weeds.	Replace cutting line; Cut in smaller passes.
Excessive vibration	Damaged cutting head or unbalanced line.	Inspect cutting head for damage; Ensure line is properly installed and balanced.

7. SPECIFICATIONS

Feature	Specification
Brand	MtiolHig
Model Number	Cordless String Trimmer
Power Source	Battery Powered (Compatible with Makita 18V)
Item Weight	5.5 lbs (Tool Only)
Cutting Width	11 Inches
No-Load Speed	4800 RPM
Line Diameter	0.11 Inches
Adjustable Height	50" to 60"
Folded Length	28 Inches
Assembly Required	No (Minimal setup)
Recommended Uses	Edging, Mowing, Trimming

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact MtiolHig customer service directly. Keep your purchase receipt as proof of purchase.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question