

Makita GRU01M1

Makita GRU01M1 40V max XGT® Brushless Cordless 15" String Trimmer Kit (4.0Ah) User Manual

Model: GRU01M1 | Brand: Makita

SECTIONS

[Safety Information](#) [Product Components](#) [Setup & Assembly](#) [Operating Instructions](#) [Maintenance](#)
[Warranty & Support](#)
[Troubleshooting](#) [Specifications](#) [Support](#)

1. IMPORTANT SAFETY INFORMATION

Read all safety warnings and instructions before operating this product.

- Always wear eye protection and other appropriate safety gear when using this string trimmer.
- Be aware of potential flying debris and keep bystanders at a safe distance.
- Do not operate the trimmer in enclosed areas or near flammable materials.
- Ensure the battery is fully charged before use and properly secured in the tool.
- Inspect the trimmer line and head for damage before each use. Replace if necessary.
- Keep hands and feet away from the cutting line when the trimmer is operating.

2. PRODUCT COMPONENTS

The Makita GRU01M1 string trimmer kit includes the main trimmer unit, a 40V max XGT 4.0Ah battery, and a charger. Key components are detailed below.

2.1. Overall Trimmer View



Image: The complete Makita GRU01M1 string trimmer, showcasing its long shaft, D-ring handle, motor housing, and trimmer head.

2.2. Battery and Charger



Image: Makita 40V max XGT 4.0Ah Lithium-Ion battery.



Image: Makita DC40A XGT Rapid Charger for 40V max batteries.

2.3. Trimmer Head and Guard



Image: Top view of the Rapid Load Bump and Feed Trimmer Head.



Image: Bottom view of the trimmer head, showing the line exit points and the guard.

2.4. Control Panel and Handle



Image: Close-up of the trimmer's control panel, featuring power, speed mode (1/2/3), automatic torque drive (A), and reverse rotation buttons.



Image: The battery compartment with a protective metal bar, designed to shield the battery from impacts.

3. SETUP & ASSEMBLY

3.1. Attaching the Handle

The D-ring handle is attached to the shaft using two screws. Ensure it is securely fastened for comfortable and safe operation. The handle position can be adjusted along the shaft to suit user preference.

3.2. Battery Installation

Insert the 40V max XGT battery into the battery compartment until it clicks into place. Ensure the battery is fully seated and the protective metal bar is in position to guard the battery.

4. OPERATING INSTRUCTIONS

4.1. Powering On/Off and Speed Modes

To power on the trimmer, press the power button on the control panel. The trimmer will start in the last used speed mode (1, 2, or 3). Press the speed mode button to cycle through low (1), medium (2), and high (3) speeds. For automatic speed adjustment based on load, press and hold the 'A' button to activate Automatic Torque Drive Technology (ADT) mode. In ADT mode, the trimmer will adjust its speed to optimize performance and battery life.

4.2. Reverse Rotation Function

If the trimmer line becomes tangled with grass or debris, a reverse rotation function can be used to clear it. With the trimmer powered on, briefly press the reverse button (often indicated by a circular arrow) to temporarily reverse the direction of the trimmer head. This function operates at low speed regardless of the selected forward speed mode. The trimmer will automatically stop after a short period in reverse mode.

4.3. Trimming Techniques

Hold the trimmer firmly with both hands. Maintain a comfortable stance and keep the trimmer head parallel to the ground for even cutting. Use a sweeping motion to cut grass and weeds. Avoid hitting hard objects like rocks, fences, or concrete to prevent damage to the trimmer line and head.

Your browser does not support the video tag.

Video: This video demonstrates the process of replacing the trimmer line and explains the various control functions of the Makita GRU01M1 string trimmer, including power modes, reverse function, and safety features.

5. MAINTENANCE

5.1. Trimmer Line Replacement

The Makita GRU01M1 features a Rapid Load Bump and Feed Trimmer Head, allowing for quick line replacement. To replace the line:

1. Ensure the trimmer is powered off and the battery is removed.
2. Align the arrows on the trimmer head with the 'LINE IN' indicators.
3. Feed the new trimmer line through one hole and out the opposite hole until an equal length extends from both sides.
4. Rotate the trimmer head knob in the direction indicated by the arrow to wind the line into the head. Continue until only the desired length of line remains exposed.

5.2. Cleaning and Storage

After each use, clean the trimmer head and guard to remove grass clippings and debris. Use a damp cloth; do not use harsh chemicals. Store the trimmer in a dry, secure location, out of reach of children. Remove the

battery during storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or improperly installed; Power button not pressed; Safety lever not engaged.	Charge battery and ensure proper installation; Press power button; Engage safety lever before pulling trigger.
Trimmer line does not feed	Line tangled or jammed; Insufficient line in spool; Incorrect line diameter.	Clear tangles, use reverse function; Reload spool with new line; Use recommended line diameter.
Reduced cutting performance	Dull or short trimmer line; Low battery charge; Operating in too low a speed mode for conditions.	Advance or replace trimmer line; Recharge battery; Select a higher speed mode or ADT mode.
Trimmer stops during operation	Overload protection activated (thick grass); Battery overheating or low charge.	Reduce load, allow trimmer to cool; Check battery charge and temperature.

7. SPECIFICATIONS

Feature	Detail
Brand	Makita
Model Number	GRU01M1
Power Source	Battery Powered (40V max XGT Lithium-Ion)
Cutting Width	15 Inches
Speed Settings	3 (3,500, 5,300, 6,500 RPM) + Automatic Torque Drive Technology (ADT)
Motor Type	Brushless Outer Rotor Motor
Battery Included	1 Lithium-Ion battery (4.0Ah)
Weather Resistance	IPX4-rated, Extreme Protection Technology (XPT™)
UPC	088381740036

8. WARRANTY & SUPPORT

8.1. Manufacturer Warranty

The Makita GRU01M1 40V max XGT® Brushless Cordless 15" String Trimmer Kit comes with a **3-year limited warranty** on the tool, battery, and charger. Please refer to the official Makita warranty documentation for full terms and conditions.

8.2. Customer Support

For technical assistance, replacement parts, or warranty claims, please contact Makita customer support through their official website or authorized service centers. Keep your proof of purchase for all warranty-related inquiries.